

Converting Colors

XYZ(75.6718, 91.0380, 61.5573)

Have a look what the booklet for
XYZ(75.6718, 91.0380, 61.5573)
contains.

XYZ(75.6858, 91.0414, 61.7278) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(75.6858, 91.0414,
61.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFBD
RGB	224, 255, 189
RGB Percent	88%, 100%, 74%
CMY	0.1216, 0.0000, 0.2588
CMYK	0.12, 0.00, 0.26, 0.00
HSL	88°, 100%, 87%
HSV	88°, 26%, 100%
XYZ	75.6858, 91.0414, 61.7278
YIQ	238.2070, 2.7100, -27.0980

Conversions

Conversions Part 2

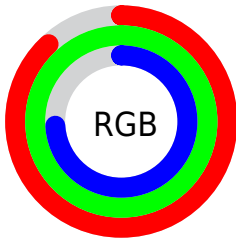
Format	Color
RYB	189, 255, 220
Decimal	14745533
CIELab	96.43, -21.16, 28.31
CIElCh	96, 35.344, 126.771
Yxy	91.0414, 0.3313, 0.3985
Android (android.graphics.Color)	4292935613 (0xFFE0FFBD)
YUV	238.2070, -24.2591, -12.4595
Hunter-Lab	95.4156, -25.3871, 28.4341

Details

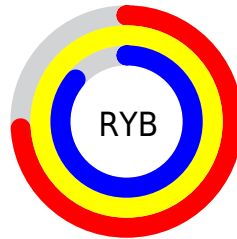
The XYZ color **75.6858, 91.0414, 61.7278** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7637, 58.8321, 102.4973**, and the grayscale version is **81.6084, 85.8584, 93.4998**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.7157, 50.4623, 30.5159** is the 20% darker color. If you saturate the color by 10%, you get **69.5741, 88.1829, 48.2408**, and if you desaturate by 10%, it is **82.5467, 94.2299, 77.7927**.

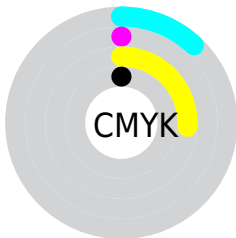
Distribution



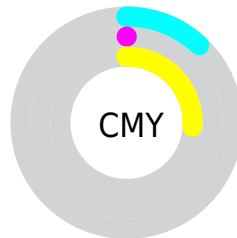
- Red (88%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6858, 91.0414, 61.7278 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.6858, 91.0414, 61.7278 by changing the saturation by 10% instead.


 75.6858, 91.0414,
61.7278

 75.6858, 91.0414,
61.7278


469.2324,
531.4127, 448.9177

 56.4711, 68.8447,
44.3784


 126.2654,
148.7841, 108.8998

 40.8192, 50.5852,
30.6287

158.3610,
185.0989, 139.5595

 28.3649, 35.8786,
20.0602


195.4808,
226.8885, 175.4931

 18.7428, 24.3405,
12.2543

237.9904,
274.5373, 217.1191

 11.5874, 15.5864,
6.7925

286.2550,
328.4298, 264.8560

 6.5336, 9.2319,
3.2562

340.6399,

 3.2159, 4.8928,

388.9502, 319.1223

1.2269

401.5106,
456.4831, 380.3367

■ 1.2689, 2.1845,
0.0007

■ 0.1598, 0.7115,
0.0000

■ 75.6858, 91.0414,
61.7278

■ 75.6858, 91.0414,
61.7278

■ 69.5741, 88.1829,
48.2408

■ 82.5467, 94.2299,
77.7927

■ 64.1794, 85.6408,
37.1934

■ 90.1842, 97.7598,
96.5562

■ 59.4687, 83.4012,
28.4400

95.0500, 100.0000,
108.9000

■ 55.4056, 81.4489,
21.8184

■ 51.9493, 79.7670,
17.1447

■ 49.0530, 78.3360,
14.2043

■ 46.6597, 77.1323,
12.7305

■ 45.7881, 76.6897,
12.3893

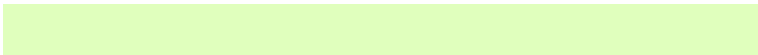
Harmonies

Analogous

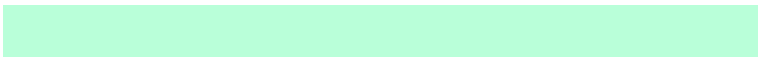
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3191, 91.0414, 54.4433



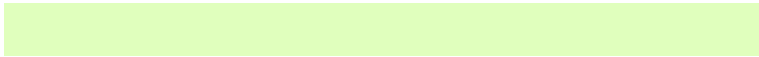
75.6858, 91.0414, 61.7278



70.2733, 91.0414, 79.2428

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6858, 91.0414, 61.7278



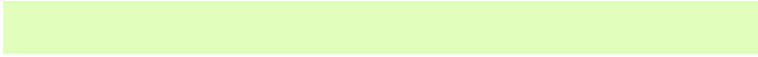
79.2771, 91.0414, 157.7731



106.7284, 91.0414, 92.8723

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.6858, 91.0414, 61.7278



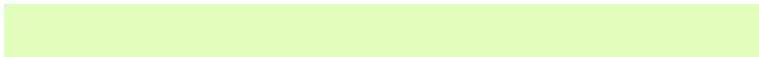
65.7637, 58.8321, 102.4973

Split Complementary

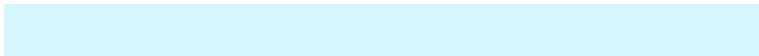
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.1231, 91.0414, 122.0906



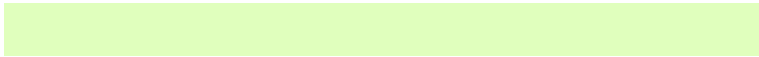
75.6858, 91.0414, 61.7278



88.7835, 91.0414, 163.3136

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



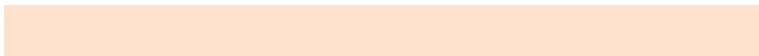
75.6858, 91.0414, 61.7278



72.2343, 91.0414, 135.2601



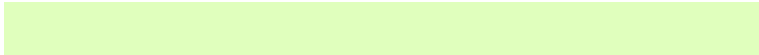
98.3681, 91.0414, 149.2180



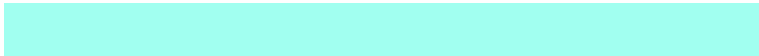
102.6022, 91.0414, 70.0831

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6858, 91.0414, 61.7278



68.9716, 91.0414, 96.1051



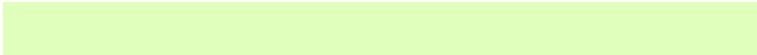
98.3681, 91.0414, 149.2180



106.8458, 91.0414, 102.2149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.6863, 91.0417, 61.7291



88.4999, 96.9828, 92.3497



75.9666, 76.0164, 58.8142



18.6913, 20.6423, 19.1436



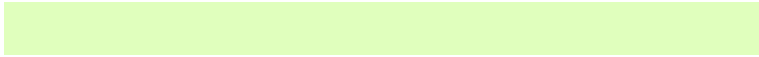
0.0000, 0.0000, 0.0000



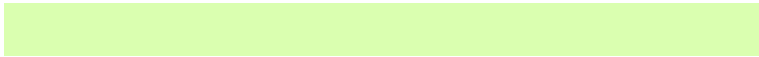
20.3446, 21.4041, 23.3091

Same Dimension

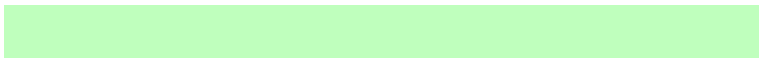
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6863, 91.0417, 61.7291



72.4662, 89.5380, 54.5116



66.4823, 86.2968, 61.2984



18.6913, 20.6423, 19.1436



24.0993, 40.1617, 6.4818



2.4727, 3.9755, 0.6370

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.7637, 58.8321, 102.4973



61.0293, 52.4091, 101.5071



76.6834, 64.4613, 103.0084



17.8143, 17.7960, 22.7460



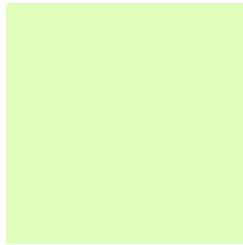
13.6315, 5.9378, 49.8622



1.4521, 0.6425, 4.8608

Previews

White Background



This preview shows how the XYZ color 75.6858, 91.0414, 61.7278 looks on a white background.

Color Contrast Check

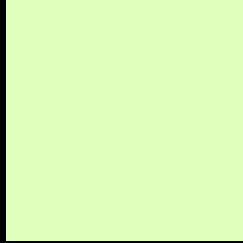
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.6858, 91.0414, 61.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

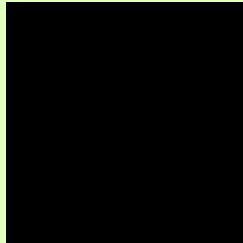
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

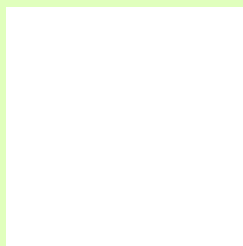
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6858, 91.0414, 61.7278

Background



This preview shows how black text looks on a background with the XYZ color 75.6858, 91.0414, 61.7278.



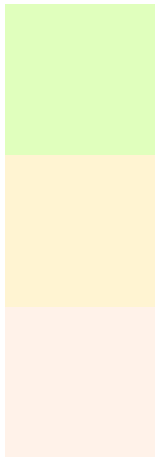
This preview shows how white text looks on a background with the XYZ color 75.6858, 91.0414,

61.7278.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.6858, 91.0414, 61.7278

Protanopia

85.2235, 90.6145, 73.9714

Deuteranopia

87.7001, 90.6475, 89.9652

Tritanopia

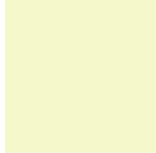
86.6376, 91.0501, 107.6159

Trichromacy



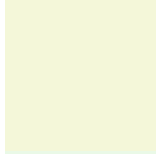
Original Color

75.6858, 91.0414, 61.7278



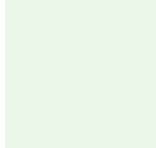
Protanomaly

81.5363, 90.6322, 69.0735



Deuteranomaly

83.0934, 90.7644, 78.7854



Tritanomaly

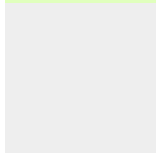
82.2312, 91.0133, 88.8346

Monochromacy



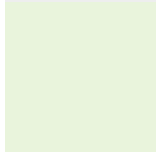
Original Color

75.6858, 91.0414, 61.7278



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8732, 87.1923, 80.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6858, 91.0414, 61.7278 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 75.6858, 91.0414, 61.7278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 189) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 255, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6858, 91.0414, 61.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
255, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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