

Converting Colors

XYZ(76.0405, 92.3178, 52.4766)

Have a look what the booklet for
XYZ(76.0405, 92.3178, 52.4766)
contains.

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Color

**XYZ(75.4238, 91.1183,
52.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFAB
RGB	229, 255, 171
RGB Percent	90%, 100%, 67%
CMY	0.1020, 0.0000, 0.3294
CMYK	0.10, 0.00, 0.33, 0.00
HSL	79°, 100%, 84%
HSV	79°, 33%, 100%
XYZ	75.4238, 91.1183, 52.1404
YIQ	237.6500, 11.4680, -31.6360

Conversions

Conversions Part 2

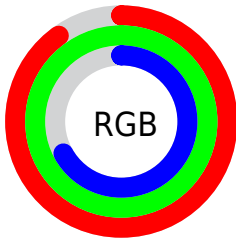
Format	Color
RYB	171, 255, 197
Decimal	15073195
CIELab	96.46, -21.83, 37.42
CIELCh	96, 43.324, 120.256
Yxy	91.1183, 0.3449, 0.4167
Android (android.graphics.Color)	4293263275 (0xFFE5FFAB)
YUV	237.6500, -32.8585, -7.5861
Hunter-Lab	95.4559, -26.0073, 34.4335

Details

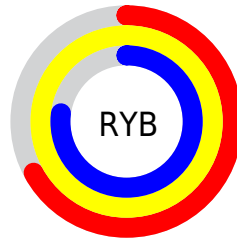
The XYZ color **75.4238, 91.1183, 52.1404** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55.6399, 48.2174, 100.9821**, and the grayscale version is **81.2364, 85.4670, 93.0736**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **40.6977, 50.5804, 24.7575** is the 20% darker color. If you saturate the color by 10%, you get **70.7612, 88.9689, 40.4349**, and if you desaturate by 10%, it is **80.6706, 93.5146, 66.3233**.

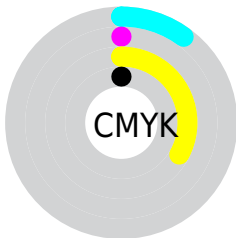
Distribution



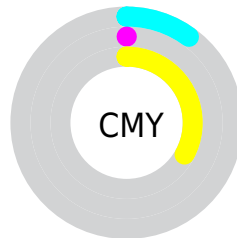
- Red (90%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4238, 91.1183, 52.1404 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 75.4238, 91.1183, 52.1404 by changing the saturation by 10% instead.

 75.4238, 91.1183,
52.1404

 75.4238, 91.1183,
52.1404


468.3477,
531.6620, 411.9508

 56.2555, 68.9085,
36.7340


 125.8968,
148.8908, 94.7670

 40.6457, 50.6372,
24.7074


157.9322,
185.2223, 122.8242

 28.2288, 35.9200,
15.6422


194.9875,
227.0299, 155.9354

 18.6395, 24.3724,
9.1197

237.4278,
274.6978, 194.5192

 11.5125, 15.6101,
4.7215

285.6187,
328.6106, 238.9941

 6.4825, 9.2487,
2.0289

339.9254,

 3.1841, 4.9037,

389.1527, 289.7786

0.5730

400.7133,
456.7083, 347.2913

■ 1.2518, 2.1909,
0.0000

■ 0.1467, 0.7150,
0.0000

■ 75.4238, 91.1183,
52.1404

■ 75.4238, 91.1183,
52.1404

■ 70.7612, 88.9689,
40.4349

■ 80.6706, 93.5146,
66.3233

■ 66.6532, 87.0544,
31.0603

■ 86.5269, 96.1681,
83.1109

■ 63.0686, 85.3621,
23.8608

■ 93.0175, 99.0890,
102.6264

■ 59.9726, 83.8780,
18.6598

95.0500, 100.0000,
108.9000

■ 57.3247, 82.5856,
15.2534

■ 55.0763, 81.4653,
13.3939

■ 53.6804, 80.7583,
12.7587

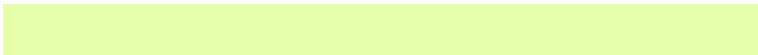
Harmonies

Analogous

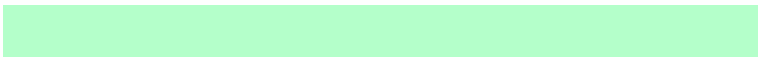
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5017, 91.1183, 46.4610



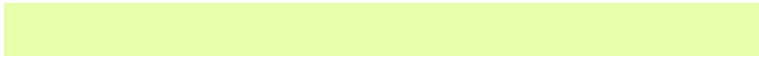
75.4238, 91.1183, 52.1404



67.9672, 91.1183, 69.7397

Triad

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



75.4238, 91.1183, 52.1404



75.5875, 91.1183, 168.8819



111.9639, 91.1183, 98.9160

Complementary

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



75.4238, 91.1183, 52.1404



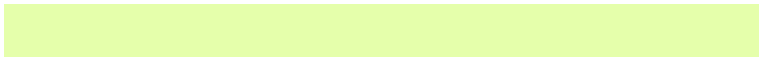
55.6399, 48.2174, 100.9821

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.



108.3724, 91.1183, 136.0005



75.4238, 91.1183, 52.1404



86.7088, 91.1183, 181.6833

Square

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



75.4238, 91.1183, 52.1404



68.0554, 91.1183, 136.6356



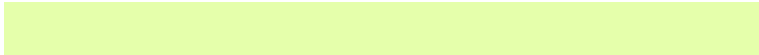
98.8404, 91.1183, 168.4593



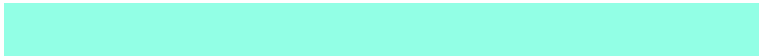
108.2522, 91.1183, 69.3342

Rectangle

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



75.4238, 91.1183, 52.1404



65.6754, 91.1183, 88.3765



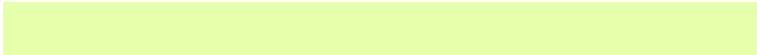
98.8404, 91.1183, 168.4593



111.5670, 91.1183, 110.8996

Sweetspot

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



75.4242, 91.1185, 52.1417



88.3683, 96.9987, 88.5604



68.3764, 63.7713, 47.2346



18.7246, 20.6761, 18.3917



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

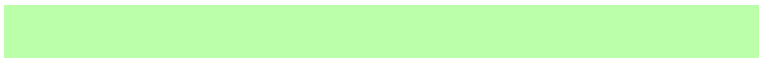
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4242, 91.1185, 52.1417



72.0733, 89.5760, 43.6282



63.8012, 85.1266, 51.5978



18.9820, 20.7922, 19.1572



28.2093, 42.2805, 6.6742



2.8588, 4.1745, 0.6551

Inverse Universe

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



55.6399, 48.2174, 100.9821



49.3457, 40.2636, 99.7786



67.9407, 54.5587, 101.5578



17.5319, 17.6504, 22.7328



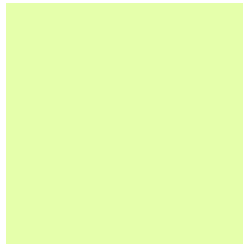
11.2469, 4.7085, 49.7506



1.2014, 0.5133, 4.8490

Previews

White Background



This preview shows how the XYZ color 75.4238, 91.1183, 52.1404 looks on a white background.

Color Contrast Check

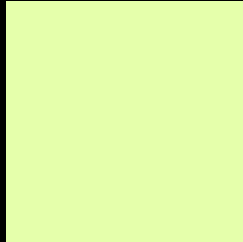
Large Text (above 18pt) WCAG AA × Fail

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 75.4238, 91.1183, 52.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

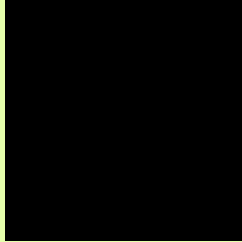
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4238, 91.1183, 52.1404

Background



This preview shows how black text looks on a background with the XYZ color 75.4238, 91.1183, 52.1404.



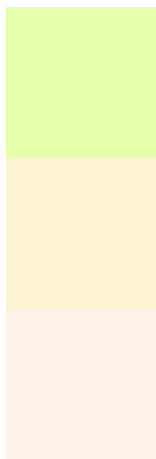
This preview shows how white text looks on a background with the XYZ color 75.4238, 91.1183,

52.1404.

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

75.4238, 91.1183, 52.1404

Protanopia

85.0993, 90.5648, 73.3171

Deuteranopia

87.5576, 90.5905, 89.2149

Tritanopia

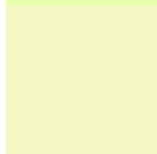
87.3628, 90.9761, 107.5634

Trichromacy



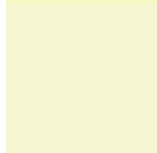
Original Color

75.4238, 91.1183, 52.1404



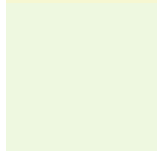
Protanomaly

81.4238, 90.6678, 64.8389



Deuteranomaly

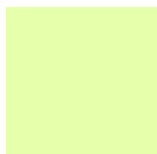
82.8997, 90.7675, 74.1234



Tritanomaly

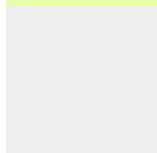
82.2818, 90.6938, 83.6899

Monochromacy



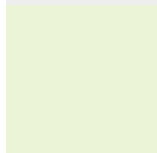
Original Color

75.4238, 91.1183, 52.1404



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.7492, 87.2186, 76.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4238, 91.1183, 52.1404 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(229, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 171)  
}
```

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(229, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 171) }
```

Border

The CSS property to change the border of an element to XYZ 75.4238, 91.1183, 52.1404 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(229, 255, 171) }
```


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

```
.border{ border-color:rgb(229, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4238, 91.1183, 52.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 171) }
```

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

```
.background{ background-color: rgb(229,  
255, 171) }
```

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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