

Converting Colors

XYZ(75.3620, 91.1822, 47.8107)

Have a look what the booklet for
XYZ(75.3620, 91.1822, 47.8107)
contains.

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Color

**XYZ(75.2366, 91.1176,
47.8045)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E7FFA2 |
| RGB | 231, 255, 162 |
| RGB Percent | 91%, 100%, 64% |
| CMY | 0.0941, 0.0000, 0.3647 |
| CMYK | 0.09, 0.00, 0.36, 0.00 |
| HSL | 75°, 100%, 82% |
| HSV | 75°, 36%, 100% |
| XYZ | 75.2366, 91.1176, 47.8045 |
| YIQ | 237.2220, 15.5490, -34.0110 |

Conversions

Conversions Part 2

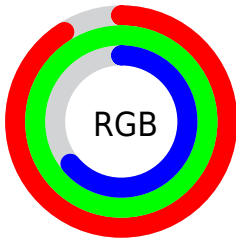
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 162, 255, 186 |
| Decimal | 15204258 |
| CIELab | 96.46, -22.21, 41.89 |
| CIELCh | 96, 47.411, 117.936 |
| Yxy | 91.1176, 0.3513, 0.4255 |
| Android (android.graphics.Color) | 4293394338 (0xFFE7FFA2) |
| YUV | 237.2220, -37.0844, -5.4567 |
| Hunter-Lab | 95.4555, -26.3562, 37.1262 |

Details

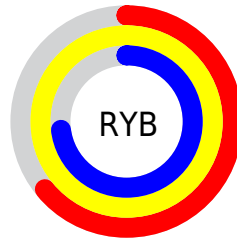
The XYZ color **75.2366, 91.1176, 47.8045** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **51.2211, 43.5011, 100.3046**, and the grayscale version is **80.9350, 85.1499, 92.7282**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **40.4100, 50.4910, 22.0839** is the 20% darker color. If you saturate the color by 10%, you get **71.1104, 89.2263, 36.9548**, and if you desaturate by 10%, it is **79.9029, 93.2341, 61.0811**.

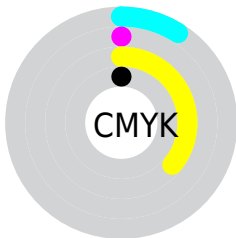
Distribution



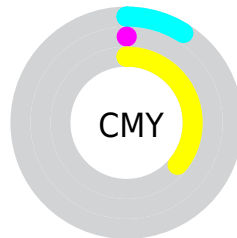
- Red (91%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2366, 91.1176, 47.8045 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 75.2366, 91.1176, 47.8045 by changing the saturation by 10% instead.


 75.2366, 91.1176,
47.8045


 75.2366, 91.1176,
47.8045


467.7151,
531.6597, 394.5030

 56.1016, 68.9080,
33.3132


 125.6333,
148.8898, 88.2758

 40.5217, 50.6367,
22.0934


 157.6258,
185.2212, 115.0928

 28.1316, 35.9196,
13.7266


194.6348,
227.0286, 146.8555

 18.5658, 24.3721,
7.7942

237.0256,
274.6964, 183.9825

 11.4591, 15.6099,
3.8776

285.1637,
328.6090, 226.8921

 6.4461, 9.2485,
1.5585

339.4144,

 3.1614, 4.9036,

389.1508, 276.0031

0.2609

400.1431,
456.7063, 331.7339

■ 1.2397, 2.1908,
0.0000

■ 0.1374, 0.7150,
0.0000

■ 75.2366, 91.1176,
47.8045

■ 75.2366, 91.1176,
47.8045

■ 71.1104, 89.2263,
36.9548

■ 79.9029, 93.2341,
61.0811

■ 67.4946, 87.5483,
28.3809

■ 85.1350, 95.5863,
76.9155

■ 64.3576, 86.0709,
21.9208

■ 90.9576, 98.1841,
95.4342

■ 61.6635, 84.7795,
17.3894

95.0500, 100.0000,
108.9000

■ 59.3701, 83.6573,
14.5700

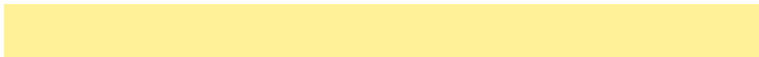
■ 57.4251, 82.6830,
13.1913

■ 56.7940, 82.3634,
12.9044

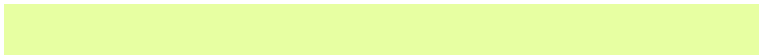
Harmonies

Analogous

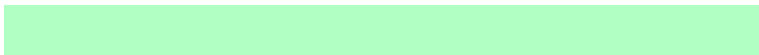
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5229, 91.1176, 42.8062



75.2366, 91.1176, 47.8045



66.8049, 91.1176, 65.3748

Triad

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



75.2366, 91.1176, 47.8045



73.8027, 91.1176, 174.5506



114.5629, 91.1176, 101.8555

Complementary

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



75.2366, 91.1176, 47.8045



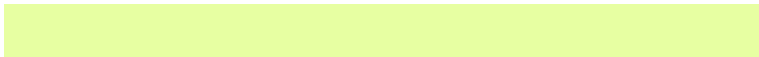
51.2211, 43.5011, 100.3046

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.



109.9743, 91.1176, 143.0784



75.2366, 91.1176, 47.8045



85.6927, 91.1176, 191.1617

Square

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



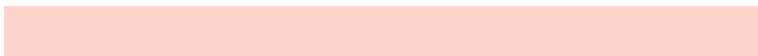
75.2366, 91.1176, 47.8045



66.0381, 91.1176, 137.3619



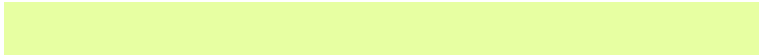
99.0635, 91.1176, 178.3980



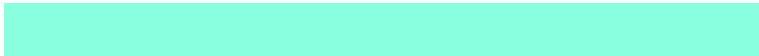
111.0509, 91.1176, 68.8728

Rectangle

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



75.2366, 91.1176, 47.8045



64.0551, 91.1176, 84.7652



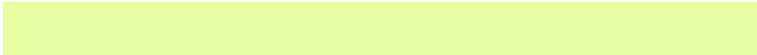
99.0635, 91.1176, 178.3980



113.9078, 91.1176, 115.2126

Sweetspot

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



75.2369, 91.1177, 47.8058



88.2450, 96.9761, 86.7041



65.1636, 58.6722, 42.0741



18.7195, 20.6816, 18.0226



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

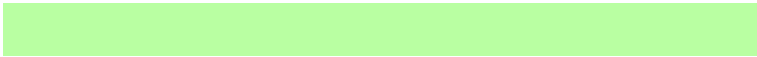
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2369, 91.1177, 47.8058



72.0808, 89.6731, 39.4168



62.3503, 84.4744, 47.2027



19.0768, 20.8410, 19.1616



29.8225, 43.1122, 6.7497



3.0054, 4.2501, 0.6620

Inverse Universe

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



51.2211, 43.5011, 100.3046



44.8021, 35.5479, 99.1079



64.1687, 50.1757, 100.9106



17.4424, 17.6043, 22.7286



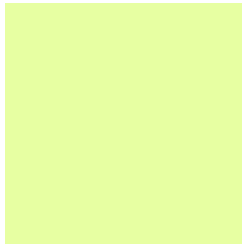
10.7154, 4.4345, 49.7258



1.1398, 0.4815, 4.8461

Previews

White Background



This preview shows how the XYZ color 75.2366, 91.1176, 47.8045 looks on a white background.

Color Contrast Check

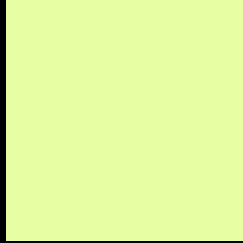
Large Text (above 18pt) WCAG AA × Fail

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 75.2366, 91.1176, 47.8045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

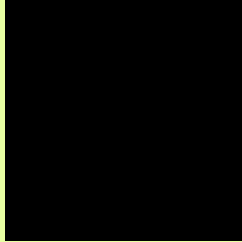
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

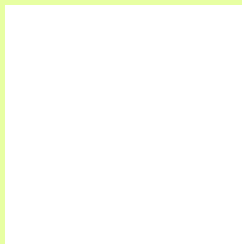
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2366, 91.1176, 47.8045

Background



This preview shows how black text looks on a background with the XYZ color 75.2366, 91.1176, 47.8045.

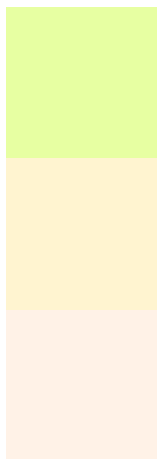


This preview shows how white text looks on a background with the XYZ color 75.2366, 91.1176,

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

75.2366, 91.1176, 47.8045

Protanopia

84.9758, 90.5154, 72.6670

Deuteranopia

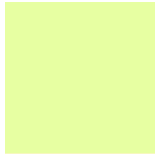
87.4159, 90.5338, 88.4688



Tritanopia

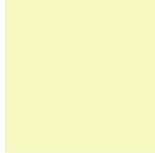
87.4088, 90.5543, 107.4795

Trichromacy



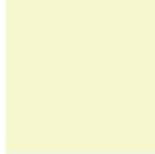
Original Color

75.2366, 91.1176, 47.8045



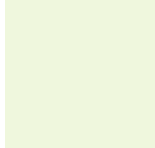
Protanomaly

80.9774, 90.4892, 62.4884



Deuteranomaly

82.4074, 90.5706, 71.5311



Tritanomaly

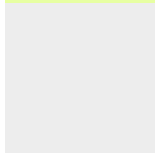
81.9085, 90.0927, 81.4792

Monochromacy



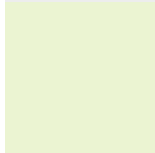
Original Color

75.2366, 91.1176, 47.8045



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2445, 87.0167, 73.6447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2366, 91.1176, 47.8045 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(231, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 162)  
}
```

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(231, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 162) }
```

Border

The CSS property to change the border of an element to XYZ 75.2366, 91.1176, 47.8045 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(231, 255, 162) }
```


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

```
.border{ border-color:rgb(231, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 255, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 255, 162); box-shadow:4px 4px 4px 4px rgb(231, 255, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2366, 91.1176, 47.8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 162) }
```

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

```
.background{ background-color: rgb(231,  
255, 162) }
```

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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