

Converting Colors

XYZ(64.9611, 76.0237, 25.9024)

Have a look what the booklet for
XYZ(64.9611, 76.0237, 25.9024)
contains.

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Color

**XYZ(64.9498, 75.9948,
25.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E86E
RGB	232, 232, 110
RGB Percent	91%, 91%, 43%
CMY	0.0902, 0.0902, 0.5686
CMYK	0.00, 0.00, 0.53, 0.09
HSL	60°, 73%, 67%
HSV	60°, 53%, 91%
XYZ	64.9498, 75.9948, 25.9971
YIQ	218.0920, 39.1620, -37.9420

Conversions

Conversions Part 2

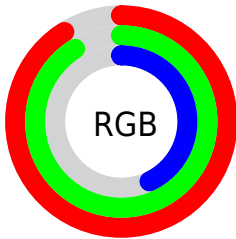
Format	Color
R _Y B	110, 232, 110
Decimal	15263854
CIE Lab	89.86, -15.88, 58.44
CIE LCh	90, 60.555, 105.200
Yxy	75.9948, 0.3891, 0.4552
Android (android.graphics.Color)	4293453934 (0xFFE8E86E)
YUV	218.0920, -53.2894, 12.1973
Hunter-Lab	87.1750, -19.5647, 43.3412

Details

The XYZ color **64.9498, 75.9948, 25.9971** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.5743, 20.2948, 78.8652**, and the grayscale version is **67.0429, 70.5344, 76.8119**.

A 20% lighter version of the original color is **83.7915, 95.4966, 49.6137**, and **33.8915, 40.7285, 9.8165** is the 20% darker color. If you saturate the color by 10%, you get **63.8488, 75.5571, 20.1935**, and if you desaturate by 10%, it is **66.3851, 76.5717, 33.5453**.

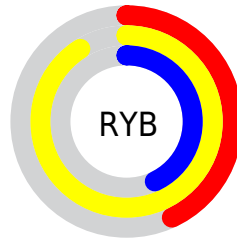
Distribution



Red (91%)

Green (91%)

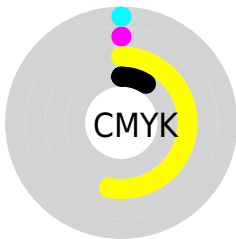
Blue (43%)



Red (43%)

Yellow (91%)

Blue (43%)

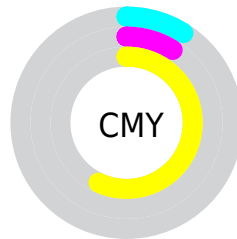


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9498, 75.9948, 25.9971 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 64.9498, 75.9948, 25.9971 by changing the saturation by 10% instead.

64.9498, 75.9948,
25.9971

64.9498, 75.9948,
25.9971

432.1596,
481.3299, 296.3729

47.6849, 56.4282,
16.5957

111.0438,
127.7196, 54.2543

33.7877, 40.5464,
9.7878

140.6036,
160.6465, 73.9472

22.8926, 27.9648,
5.1547

174.9925,
198.7958, 97.9077

14.6345, 18.2991,
2.2780

214.5757,
242.5517, 126.5543

8.6479, 11.1650,
0.7189

259.7187,
292.2987, 160.3056

4.5675, 6.1779,
0.0000

310.7868,

2.0279, 2.9536,

348.4211, 199.5801

0.0000

368.1453,
411.3034, 244.7963

■ 0.6496, 1.1075,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9498, 75.9948,
25.9971

■ 64.9498, 75.9948,
25.9971

■ 63.8488, 75.5571,
20.1935

■ 66.3851, 76.5717,
33.5453

■ 63.0503, 75.2377,
15.9906


■ 68.1728, 77.2869,
42.9572


■ 62.5256, 75.0278,
13.2298


■ 70.3362, 78.1523,
54.3473


■ 62.2381, 74.9127,
11.7179


■ 72.8949, 79.1758,
67.8192


 62.1350, 74.8715,
11.1768

 75.8673, 80.3648,
83.4696

 79.2706, 81.7262,
101.3888

 80.1897, 82.0939,
106.2270

 80.1901, 82.0941,
106.2270

 80.1905, 82.0943,
106.2270

Harmonies

Analogous

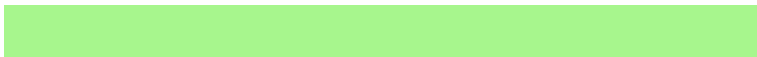
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8287, 75.9948, 25.9283



64.9498, 75.9948, 25.9971



53.6859, 75.9948, 37.2213

Triad

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



64.9498, 75.9948, 25.9971



53.8027, 75.9948, 156.0260



103.7553, 75.9948, 105.6173

Complementary

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



64.9498, 75.9948, 25.9971



26.5743, 20.2948, 78.8652

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.



94.6190, 75.9948, 155.4051



64.9498, 75.9948, 25.9971



65.1310, 75.9948, 190.6499

Square

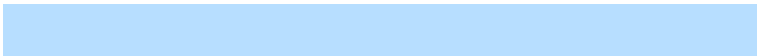
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9498, 75.9948, 25.9971



47.8811, 75.9948, 106.2734



80.0365, 75.9948, 190.3899



103.6891, 75.9948, 62.9747

Rectangle

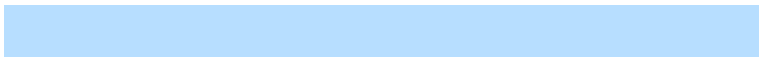
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9498, 75.9948, 25.9971



49.1434, 75.9948, 52.7838



80.0365, 75.9948, 190.3899



101.6086, 75.9948, 122.3225

Sweetspot

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



64.9516, 75.9983, 25.9987



89.1624, 97.6449, 77.9003



41.6717, 29.4353, 18.2381



18.9430, 20.8434, 15.9292



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.



64.9516, 75.9983, 25.9987



79.0330, 93.5928, 24.5719



48.4686, 67.5010, 25.2273



15.6016, 16.8172, 15.3282



34.4929, 41.5632, 6.2045



2.5489, 3.0714, 0.4585

Inverse Universe

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



26.5743, 20.2948, 78.8652



26.7368, 17.6865, 96.6124



36.9383, 25.6376, 79.3502



13.5830, 13.8872, 18.1089



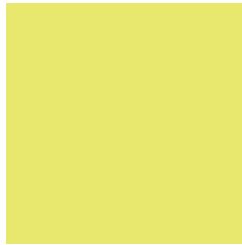
8.0863, 3.2345, 42.5813



0.5976, 0.2390, 3.1466

Previews

White Background



This preview shows how the XYZ color 64.9498, 75.9948, 25.9971 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 64.9498, 75.9948, 25.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

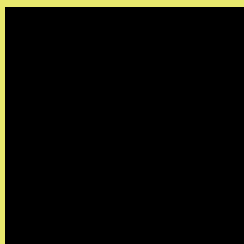
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9498, 75.9948, 25.9971

Background



This preview shows how black text looks on a background with the XYZ color 64.9498, 75.9948, 25.9971.



This preview shows how white text looks on a background with the XYZ color 64.9498, 75.9948,

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

64.9498, 75.9948, 25.9971

Protanopia

69.3275, 75.7994, 25.1642

Deuteranopia

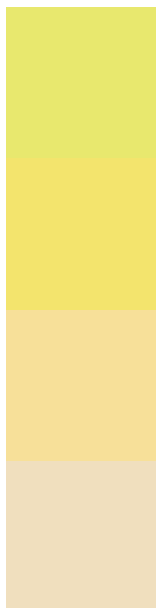
74.7690, 75.6207, 52.2505



Tritanopia

77.8679, 75.6114, 89.8473

Trichromacy



Original Color

64.9498, 75.9948, 25.9971

Protanomaly

67.4659, 75.6456, 25.5132

Deuteranomaly

70.7632, 75.3854, 40.9582

Tritanomaly

71.6171, 75.0183, 59.4206

Monochromacy



Original Color

64.9498, 75.9948, 25.9971

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9558, 71.7180, 53.0672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9498, 75.9948, 25.9971 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(232, 232, 110)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 110)  
}
```

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(232, 232, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 110) }
```

Border

The CSS property to change the border of an element to XYZ 64.9498, 75.9948, 25.9971 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(232, 232, 110) }
```


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

```
.border{ border-color:rgb(232, 232, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 110);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9498, 75.9948, 25.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 110) }
```

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

```
.background{ background-color: rgb(232,  
232, 110) }
```

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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