

Converting Colors

XYZ(65.7988, 74.3676, 22.5085)

Have a look what the booklet for
XYZ(65.7988, 74.3676, 22.5085)
contains.

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Color

**XYZ(65.9493, 74.5208,
22.4633)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E362
RGB	241, 227, 98
RGB Percent	95%, 89%, 38%
CMY	0.0549, 0.1098, 0.6157
CMYK	0.00, 0.06, 0.59, 0.05
HSL	54°, 84%, 66%
HSV	54°, 59%, 95%
XYZ	65.9493, 74.5208, 22.4633
YIQ	216.4800, 49.7530, -37.1510

Conversions

Conversions Part 2

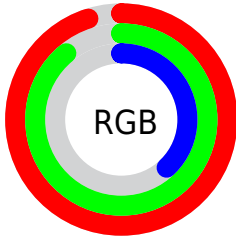
Format	Color
R_{YB}	114, 241, 98
Decimal	15852386
CIE _{Lab}	89.17, -10.66, 63.15
CIE _{LCh}	89, 64.040, 99.582
Yxy	74.5208, 0.4048, 0.4574
Android (android.graphics.Color)	4294042466 (0xFFFF1E362)
YUV	216.4800, -58.4106, 21.5040
Hunter-Lab	86.3254, -14.7024, 44.9996

Details

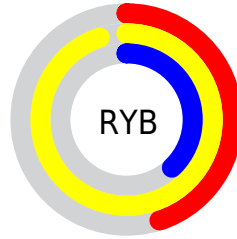
The XYZ color **65.9493, 74.5208, 22.4633** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **26.7083, 20.5353, 85.7746**, and the grayscale version is **65.9621, 69.3973, 75.5737**.

A 20% lighter version of the original color is **82.7498, 95.0799, 44.1279**, and **34.4618, 39.6173, 8.0211** is the 20% darker color. If you saturate the color by 10%, you get **64.3384, 72.8542, 17.1328**, and if you desaturate by 10%, it is **67.9150, 76.3491, 29.6034**.

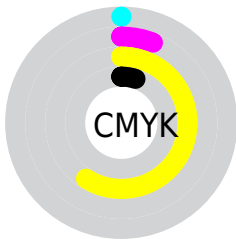
Distribution



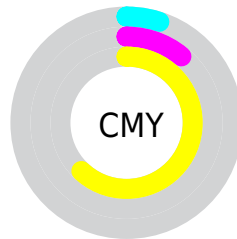
- Red (95%)
- Green (89%)
- Blue (38%)



- Red (45%)
- Yellow (95%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9493, 74.5208, 22.4633 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 65.9493, 74.5208, 22.4633 by changing the saturation by 10% instead.

65.9493, 74.5208,
22.4633

65.9493, 74.5208,
22.4633

435.6870,
476.2689, 277.9883

48.4988, 55.2204,
13.9962

112.4717,
125.6338, 48.4225

34.4350, 39.5782,
7.9793

142.2743,
158.2152, 66.7517

23.3924, 27.2098,
3.9941

176.9250,
195.9924, 89.2052

15.0058, 17.7309,
1.6221

216.7891,
239.3497, 116.2018

8.9098, 10.7569,
0.3065

262.2320,
288.6717, 148.1598

4.7390, 5.9036,
0.0000

313.6191,

2.1281, 2.7866,

344.3426, 185.4979

0.0000

371.3156,
406.7468, 228.6345

■ 0.7044, 1.0214,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9493, 74.5208,
22.4633

■ 65.9493, 74.5208,
22.4633

■ 64.3384, 72.8542,
17.1328

■ 67.9150, 76.3491,
29.6034

■ 63.0452, 71.3259,
13.4399

■ 70.2583, 78.3398,
38.6953

■ 62.0338, 69.9244,
11.1872

■ 73.0059, 80.5064,
49.8724

■ 61.2451, 68.6259,
10.0642

■ 76.1806, 82.8583,
63.2549

61.1957, 68.5413,
10.0044

79.8037, 85.4038,
78.9540

83.8948, 88.1510,
97.0734

86.5302, 90.3303,
107.4826

87.2426, 91.7549,
107.7200

87.9640, 93.1978,
107.9605

Harmonies

Analogous

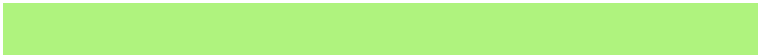
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8268, 74.5208, 24.2958



65.9493, 74.5208, 22.4633



53.3723, 74.5208, 31.2805

Triad

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



65.9493, 74.5208, 22.4633



50.1215, 74.5208, 149.1732



102.8518, 74.5208, 114.9799

Complementary

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



65.9493, 74.5208, 22.4633



26.7083, 20.5353, 85.7746

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.



91.7309, 74.5208, 167.0722



65.9493, 74.5208, 22.4633



60.8650, 74.5208, 191.3218

Square

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



65.9493, 74.5208, 22.4633



45.1616, 74.5208, 96.3096



75.9453, 74.5208, 198.8622



104.7447, 74.5208, 67.6541

Rectangle

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



65.9493, 74.5208, 22.4633



47.9684, 74.5208, 44.9324



75.9453, 74.5208, 198.8622



99.9986, 74.5208, 132.9154

Sweetspot

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



65.9511, 74.5243, 22.4648



87.1048, 94.5560, 74.0468



43.5850, 28.6133, 18.6437



18.4034, 20.0653, 14.8205



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.



65.9511, 74.5243, 22.4648



72.8406, 82.4863, 18.5521



53.3794, 73.9579, 23.0181



16.9830, 18.1791, 16.7635



33.2412, 37.2805, 5.4439



2.8034, 3.1774, 0.4655

Inverse Universe

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



26.7083, 20.5353, 85.7746



24.6685, 16.2705, 96.4481



33.8015, 22.0755, 85.6981



15.0217, 15.4775, 19.9173



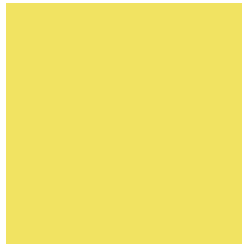
8.8256, 3.8755, 45.4107



0.7758, 0.4057, 3.7916

Previews

White Background



This preview shows how the XYZ color 65.9493, 74.5208, 22.4633 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 65.9493, 74.5208, 22.4633 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 65.9493, 74.5208, 22.4633

Background



This preview shows how black text looks on a background with the XYZ color 65.9493, 74.5208, 22.4633.

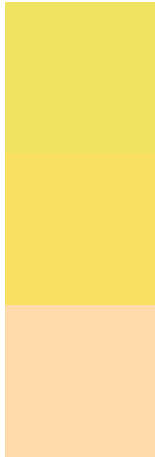


This preview shows how white text looks on a background with the XYZ color 65.9493, 74.5208,

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

65.9493, 74.5208, 22.4633

Protanopia

67.8802, 74.3141, 22.0756

Deuteranopia

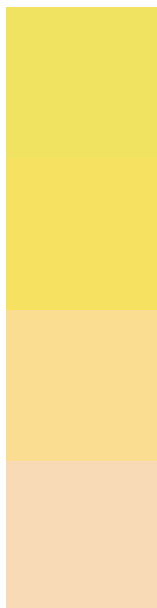
73.5671, 74.3051, 48.4951



Tritanopia

78.5852, 74.1843, 85.0400

Trichromacy



Original Color

65.9493, 74.5208, 22.4633

Protanomaly

67.0889, 74.3063, 22.1159

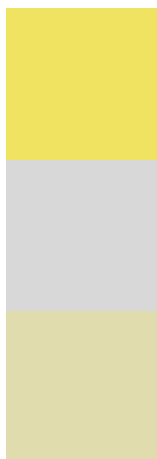
Deuteranomaly

70.3148, 74.0505, 36.9727

Tritanomaly

72.5818, 73.6599, 54.6483

Monochromacy



Original Color

65.9493, 74.5208, 22.4633

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.1874, 70.2111, 49.7042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9493, 74.5208, 22.4633 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(241, 227, 98)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 98)  
}
```

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(241, 227, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 98) }
```

Border

The CSS property to change the border of an element to XYZ 65.9493, 74.5208, 22.4633 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(241, 227, 98) }
```


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

```
.border{ border-color:rgb(241, 227, 98) }
```

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

Here you see how a box with a 4 pixel rgb(241, 227, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 98);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9493, 74.5208, 22.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 98) }
```

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

```
.background{ background-color: rgb(241,  
227, 98) }
```

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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