

Converting Colors

XYZ(65.2093, 72.6944, 14.8695)

Have a look what the booklet for
XYZ(65.2093, 72.6944, 14.8695)
contains.

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Color

**XYZ(65.2093, 72.6944,
14.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DF3C
RGB	246, 223, 60
RGB Percent	96%, 87%, 24%
CMY	0.0353, 0.1255, 0.7647
CMYK	0.00, 0.09, 0.76, 0.04
HSL	53°, 91%, 60%
HSV	53°, 76%, 96%
XYZ	65.2093, 72.6944, 14.8695
YIQ	211.2950, 66.0310, -45.8170

Conversions

Conversions Part 2

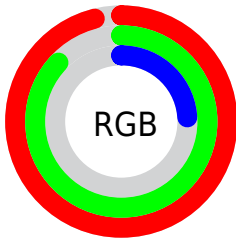
Format	Color
R _{YB}	86, 246, 60
Decimal	16179004
CIE Lab	88.30, -8.59, 76.84
CIE LCh	88, 77.316, 96.378
Yxy	72.6944, 0.4268, 0.4758
Android (android.graphics.Color)	4294369084 (0xFFFF6DF3C)
YUV	211.2950, -74.5884, 30.4363
Hunter-Lab	85.2610, -12.6865, 49.3425

Details

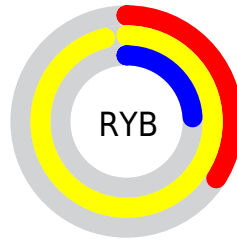
The XYZ color **65.2093, 72.6944, 14.8695** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **21.5915, 13.8010, 88.7140**, and the grayscale version is **62.5615, 65.8195, 71.6775**.

A 20% lighter version of the original color is **80.3298, 94.1119, 31.3843**, and **34.2523, 38.4444, 5.6152** is the 20% darker color. If you saturate the color by 10%, you get **63.8993, 70.8848, 11.9362**, and if you desaturate by 10%, it is **66.8392, 74.6609, 19.4008**.

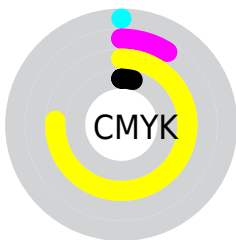
Distribution



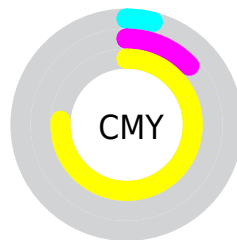
- Red (96%)
- Green (87%)
- Blue (24%)



- Red (34%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (76%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2093, 72.6944, 14.8695 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 65.2093, 72.6944, 14.8695 by changing the saturation by 10% instead.


 65.2093, 72.6944,
14.8695


 65.2093, 72.6944,
14.8695


433.0771,
469.9550, 234.1885

 47.8961, 53.7261,
8.5822


 111.4147,
123.0433, 35.3631


 33.9556, 38.3827,
4.3766


 141.0377,
155.1927, 50.4066


 23.0222, 26.2799,
1.8342


 175.4947,
192.5045, 69.2059

 14.7307, 17.0331,
0.4503

 215.1511,
235.3633, 92.1795

 8.7157, 10.2581,
0.0000

 260.3721,
284.1533, 119.7461

 4.6118, 5.5704,
0.0000

311.5232,

 2.0537, 2.5857,

339.2590, 152.3240

0.0000

368.9698,
401.0647, 190.3320

■ 0.6639, 0.9195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2093, 72.6944,
14.8695

■ 65.2093, 72.6944,
14.8695

■ 63.8993, 70.8848,
11.9362

■ 66.8392, 74.6609,
19.4008

■ 62.8584, 69.2032,
10.3553

■ 68.8210, 76.7890,
25.7208

■ 62.4563, 68.4938,
9.9288

■ 71.1885, 79.0948,
33.9982

■ 73.9696, 81.5899,
44.3811

■ 77.1899, 84.2844,
57.0032

■ 80.8727, 87.1878,
71.9871

■ 85.0397, 90.3091,
89.4466

■ 89.4191, 93.5394,
107.9498

■ 90.3584, 95.4179,
108.2628

Harmonies

Analogous

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



84.3849, 72.6944, 17.6226



65.2093, 72.6944, 14.8695



50.0345, 72.6944, 22.1253

Triad

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



65.2093, 72.6944, 14.8695



44.1839, 72.6944, 156.4551



107.1704, 72.6944, 127.5128

Complementary

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



65.2093, 72.6944, 14.8695



21.5915, 13.8010, 88.7140

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.



92.4662, 72.6944, 193.0833



65.2093, 72.6944, 14.8695



55.7715, 72.6944, 214.3711

Square

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



65.2093, 72.6944, 14.8695



39.3771, 72.6944, 91.0424



73.1297, 72.6944, 230.1364



110.9202, 72.6944, 68.3445

Rectangle

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



65.2093, 72.6944, 14.8695



43.4582, 72.6944, 35.0120



73.1297, 72.6944, 230.1364



103.2312, 72.6944, 150.2069

Sweetspot

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



65.2110, 72.6979, 14.8710



84.7342, 92.2424, 65.7723



41.2539, 23.4779, 10.9112



17.8438, 19.5072, 12.9042



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.



65.2110, 72.6979, 14.8710



68.6759, 75.8852, 11.8357



52.0860, 75.6789, 16.1381



17.7296, 18.9434, 17.5196



33.4079, 36.7013, 5.3233



2.9843, 3.3219, 0.4839

Inverse Universe

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



21.5915, 13.8010, 88.7140



19.6140, 9.8252, 95.4704



27.1834, 14.4912, 88.5525



15.7462, 16.2567, 20.8505



9.1855, 4.1648, 46.8578



0.8591, 0.4695, 4.1356

Previews

White Background



This preview shows how the XYZ color 65.2093, 72.6944, 14.8695 looks on a white background.

Color Contrast Check

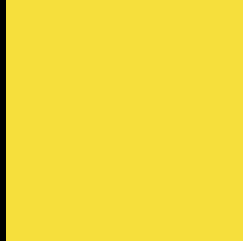
Large Text (above 18pt) WCAG AA × Fail

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 65.2093, 72.6944, 14.8695 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 65.2093, 72.6944, 14.8695

Background



This preview shows how black text looks on a background with the XYZ color 65.2093, 72.6944, 14.8695.

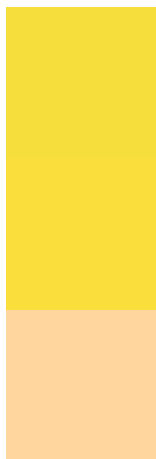


This preview shows how white text looks on a background with the XYZ color 65.2093, 72.6944,

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

65.2093, 72.6944, 14.8695

Protanopia

66.0038, 72.7085, 14.8303

Deuteranopia

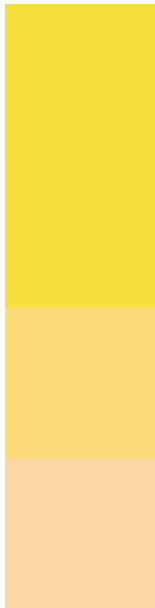
71.7120, 72.3295, 42.5291



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

65.2093, 72.6944, 14.8695

Protanomaly

65.6483, 72.5253, 14.8137

Deuteranomaly

68.7291, 72.2434, 28.7343

Tritanomaly

71.1462, 71.9767, 45.2650

Monochromacy



Original Color

65.2093, 72.6944, 14.8695

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0417, 66.8485, 41.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2093, 72.6944, 14.8695 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(246, 223, 60)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 60)  
}
```

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(246, 223, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 60) }
```

Border

The CSS property to change the border of an element to XYZ 65.2093, 72.6944, 14.8695 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(246, 223, 60) }
```


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

```
.border{ border-color:rgb(246, 223, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 60);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2093, 72.6944, 14.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 60) }
```

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

```
.background{ background-color: rgb(246,  
223, 60) }
```

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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