

Converting Colors

XYZ(66.2894, 72.9468, 10.7059)

Have a look what the booklet for
XYZ(66.2894, 72.9468, 10.7059)
contains.

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Color

**XYZ(66.2881, 72.9468,
10.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDE04
RGB	252, 222, 4
RGB Percent	99%, 87%, 2%
CMY	0.0118, 0.1294, 0.9842
CMYK	0.00, 0.12, 0.98, 0.01
HSL	53°, 98%, 50%
HSV	53°, 98%, 99%
XYZ	66.2881, 72.9468, 10.7012
YIQ	206.1180, 87.8580, -61.4380

Conversions

Conversions Part 2

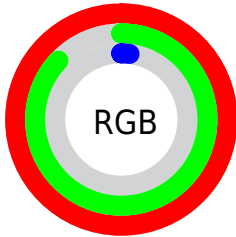
Format	Color
RYB	38, 252, 4
Decimal	16571908
CIELab	88.42, -6.69, 87.74
CIELCh	88, 87.996, 94.360
Yxy	72.9468, 0.4421, 0.4865
Android (android.graphics.Color)	4294761988 (0xFFFCDE04)
YUV	206.1180, -99.6442, 40.2385
Hunter-Lab	85.4089, -10.9270, 52.3576

Details

The XYZ color **66.2881, 72.9468, 10.7012** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **18.1936, 8.1994, 92.7185**, and the grayscale version is **59.3248, 62.4143, 67.9691**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **35.0539, 38.5846, 5.6000** is the 20% darker color. If you saturate the color by 10%, you get **66.1384, 72.6830, 10.5434**, and if you desaturate by 10%, it is **67.3092, 74.6652, 12.0415**.

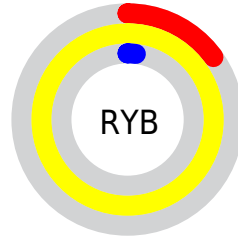
Distribution



Red (99%)

Green (87%)

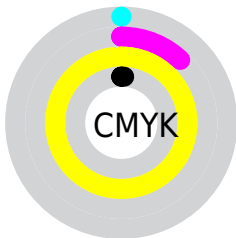
Blue (2%)



Red (15%)

Yellow (99%)

Blue (2%)

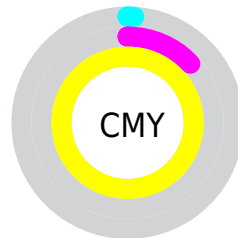


Cyan (0%)

Magenta (12%)

Yellow (98%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2881, 72.9468, 10.7012 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 66.2881, 72.9468, 10.7012 by changing the saturation by 10% instead.


 66.2881, 72.9468,
10.7012

 66.2881, 72.9468,
10.7012


436.8789,
470.8304, 206.2693

 48.7749, 53.9325,
5.7547


 112.9552,
123.4017, 27.7345


 34.6547, 38.5477,
2.6301


 142.8397,
155.6110, 40.6582


 23.5623, 26.4080,
0.9079

 177.5788,
192.9875, 57.0782

 15.1322, 17.1291,
0.0000

 217.5377,
235.9155, 77.4128

 8.9992, 10.3266,
0.0000

 263.0818,
284.7793, 102.0807

 4.7977, 5.6160,
0.0000

 314.5765,

 2.1626, 2.6130,

339.9635, 131.5004

0.0000

372.3871,
401.8524, 166.0904

■ 0.7229, 0.9332,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2881, 72.9468,
10.7012

■ 66.2881, 72.9468,
10.7012

■ 66.1384, 72.6830,
10.5434

■ 67.3092, 74.6652,
12.0415

■ 68.5922, 76.5090,
14.6955

■ 70.1969, 78.5052,
18.9708

■ 72.1649, 80.6705,
25.0857

■ 74.5313, 83.0190,
33.2249

■ 77.3270, 85.5633,
43.5505

■ 80.5796, 88.3144,
56.2082

■ 84.3146, 91.2828,
71.3311

■ 88.5554, 94.4778,
89.0423

Harmonies

Analogous

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



88.4610, 72.9468, 13.9013



66.2881, 72.9468, 10.7012



48.8220, 72.9468, 16.8595

Triad

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



66.2881, 72.9468, 10.7012



40.8905, 72.9468, 164.9557



112.8360, 72.9468, 141.2320

Complementary

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



66.2881, 72.9468, 10.7012



18.1936, 8.1994, 92.7185

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.



94.9103, 72.9468, 219.5754



66.2881, 72.9468, 10.7012



53.1838, 72.9468, 237.4802

Square

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



66.2881, 72.9468, 10.7012



36.1768, 72.9468, 88.6131



72.4713, 72.9468, 261.3393



118.2994, 72.9468, 70.8981

Rectangle

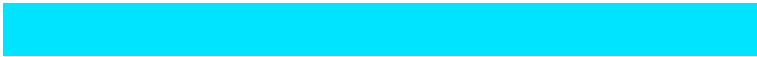
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2881, 72.9468, 10.7012



41.2582, 72.9468, 29.0570



72.4713, 72.9468, 261.3393



107.9111, 72.9468, 168.4503

Sweetspot

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



66.2897, 72.9503, 10.7027



82.2051, 90.2524, 55.4709



40.5237, 20.9169, 3.6593



17.2881, 19.0600, 10.6708



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.



66.2897, 72.9503, 10.7027



67.9380, 74.6560, 10.8293



49.5456, 77.2141, 12.4082



18.5377, 19.8112, 18.3093



34.5257, 38.0081, 5.5166



3.2466, 3.6180, 0.5272

Inverse Universe

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



18.1936, 8.1994, 92.7185



18.5359, 8.1918, 95.2120



22.3285, 9.5459, 92.7605



16.4521, 16.9811, 21.7958



9.4557, 4.2669, 48.2988



0.9280, 0.4998, 4.4907

Previews

White Background



This preview shows how the XYZ color 66.2881, 72.9468, 10.7012 looks on a white background.

Color Contrast Check

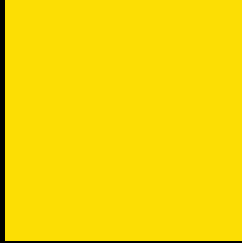
Large Text (above 18pt) WCAG AA × Fail

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 66.2881, 72.9468, 10.7012 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 66.2881, 72.9468, 10.7012

Background



This preview shows how black text looks on a background with the XYZ color 66.2881, 72.9468, 10.7012.



This preview shows how white text looks on a background with the XYZ color 66.2881, 72.9468,

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

66.2881, 72.9468, 10.7012

Protanopia

65.8394, 73.1103, 10.7852

Deuteranopia

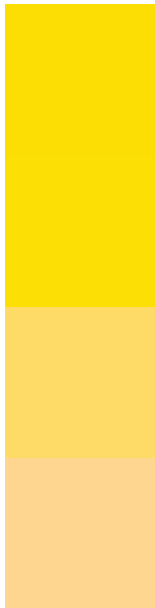
71.9674, 72.8404, 42.6143



Tritanopia

77.4714, 72.6271, 79.0425

Trichromacy



Original Color

66.2881, 72.9468, 10.7012

Protanomaly

66.1987, 73.2955, 10.8020

Deuteranomaly

68.3427, 72.1729, 22.8991

Tritanomaly

69.8775, 71.1471, 36.0364

Monochromacy



Original Color

66.2881, 72.9468, 10.7012

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2085, 64.4684, 31.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2881, 72.9468, 10.7012 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(252, 222, 4)` looks like.

```
.text, #text, p{  
    color:rgb(252, 222, 4)  
}
```

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(252, 222, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 222, 4) }
```

Border

The CSS property to change the border of an element to XYZ 66.2881, 72.9468, 10.7012 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(252, 222, 4) }
```


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

```
.border{ border-color:rgb(252, 222, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 222, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 222, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 222, 4);  
box-shadow:4px 4px 4px 4px rgb(252, 222,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2881, 72.9468, 10.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 222, 4) }
```

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

```
.background{ background-color: rgb(252,  
222, 4) }
```

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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