

Converting Colors

XYZ(71.3619, 84.7712, 13.5108)

Have a look what the booklet for
XYZ(71.3619, 84.7712, 13.5108)
contains.

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Color

**XYZ(71.2376, 84.7280,
13.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F419
RGB	248, 244, 25
RGB Percent	97%, 96%, 10%
CMY	0.0275, 0.0431, 0.9019
CMYK	0.00, 0.02, 0.90, 0.03
HSL	59°, 94%, 54%
HSV	59°, 90%, 97%
XYZ	71.2376, 84.7280, 13.5192
YIQ	220.2300, 72.6830, -67.2610

Conversions

Conversions Part 2

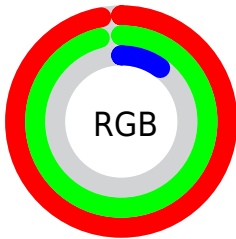
Format	Color
R _Y B	29, 248, 25
Decimal	16315417
CIE Lab	93.77, -18.95, 89.48
CIE LCh	94, 91.460, 101.958
Yxy	84.7280, 0.4203, 0.4999
Android (android.graphics.Color)	4294505497 (0xFFFF8F419)
YUV	220.2300, -96.2484, 24.3543
Hunter-Lab	92.0478, -22.9390, 55.7255

Details

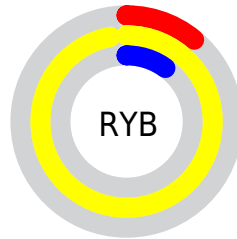
The XYZ color **71.2376, 84.7280, 13.5192** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **17.7842, 7.8634, 89.3869**, and the grayscale version is **68.8076, 72.3910, 78.8338**.

A 20% lighter version of the original color is **79.3490, 93.7196, 26.2195**, and **38.4767, 46.5312, 6.9535** is the 20% darker color. If you saturate the color by 10%, you get **70.9316, 84.3953, 12.5577**, and if you desaturate by 10%, it is **71.7695, 85.1580, 15.6516**.

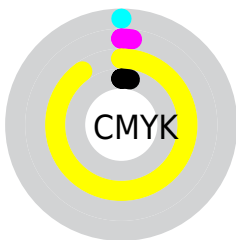
Distribution



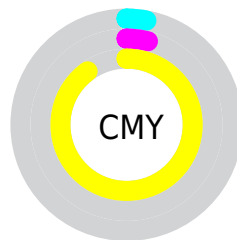
- Red (97%)
- Green (96%)
- Blue (10%)



- Red (11%)
- Yellow (97%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (90%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2376, 84.7280, 13.5192 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 71.2376, 84.7280, 13.5192 by changing the saturation by 10% instead.

71.2376, 84.7280,
13.5192

71.2376, 84.7280,
13.5192

454.0825,
510.7276, 225.5423

52.8193, 63.6167,
7.6521

119.9887,
139.9931, 32.9382

37.8855, 46.3403,
3.7886

151.0522,
174.9156, 47.3272

26.0706, 32.5144,
1.5101

187.0615,
215.2107, 65.3939

17.0094, 21.7547,
0.2254

228.3820,
261.2627, 87.5569

10.3366, 13.6768,
0.0000

275.3789,
313.4559, 114.2347

5.6867, 7.8962,
0.0000

328.4178,

2.6943, 4.0286,

372.1749, 145.8459

0.0000

387.8639,
437.8040, 182.8089

■ 0.9943, 1.6896,
0.0000

■ 0.0000, 0.4169,
0.0000

■ 71.2376, 84.7280,
13.5192

■ 71.2376, 84.7280,
13.5192

■ 70.9316, 84.3953,
12.5577


■ 71.7695, 85.1580,
15.6516


■ 70.9292, 84.3924,
12.5510


■ 72.5887, 85.7003,
19.3043


■ 73.7384, 86.3753,
24.6951

■ 75.2528, 87.1967,
32.0056

 77.1623, 88.1765,
41.3942

 79.4937, 89.3257,
53.0032

 82.2716, 90.6541,
66.9623

 85.5189, 92.1707,
83.3911

 89.2567, 93.8840,
102.4012

Harmonies

Analogous

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



95.8793, 84.7280, 14.5665



71.2376, 84.7280, 13.5192



53.1688, 84.7280, 24.2544

Triad

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



71.2376, 84.7280, 13.5192



50.5550, 84.7280, 213.6836



133.5992, 84.7280, 140.1897

Complementary

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



71.2376, 84.7280, 13.5192



17.7842, 7.8634, 89.3869

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.



115.9650, 84.7280, 231.7443



71.2376, 84.7280, 13.5192



66.9156, 84.7280, 286.8180

Square

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



71.2376, 84.7280, 13.5192



42.9383, 84.7280, 122.8336



90.6003, 84.7280, 294.7168



135.4053, 84.7280, 67.2246

Rectangle

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



71.2376, 84.7280, 13.5192



45.9447, 84.7280, 42.5788



90.6003, 84.7280, 294.7168



129.1834, 84.7280, 170.5023

Sweetspot

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



71.2395, 84.7320, 13.5209



85.4869, 95.5475, 60.4749



39.3261, 20.7591, 3.3331



18.0947, 20.3530, 11.9275



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.



71.2395, 84.7320, 13.5209



75.5606, 89.9012, 13.3702



45.2343, 73.1287, 12.6519



18.6992, 20.1342, 18.3631



38.3281, 45.6129, 6.7841



3.5581, 4.2411, 0.6311

Inverse Universe

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



17.7842, 7.8634, 89.3869



18.0996, 7.3191, 95.0665



26.3560, 12.1464, 89.7618



16.3080, 16.6928, 21.7478



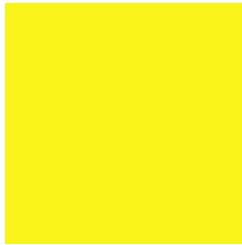
9.1894, 3.7345, 48.2100



0.8596, 0.3629, 4.4679

Previews

White Background



This preview shows how the XYZ color 71.2376, 84.7280, 13.5192 looks on a white background.

Color Contrast Check

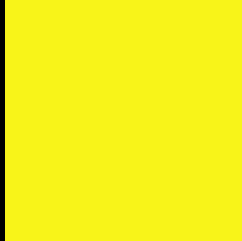
Large Text (above 18pt) WCAG AA × Fail

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 71.2376, 84.7280, 13.5192 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 71.2376, 84.7280, 13.5192

Background



This preview shows how black text looks on a background with the XYZ color 71.2376, 84.7280, 13.5192.



This preview shows how white text looks on a background with the XYZ color 71.2376, 84.7280,

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

71.2376, 84.7280, 13.5192



Protanopia

77.8694, 84.3664, 45.4379



Deuteranopia

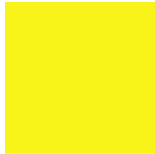
81.9253, 84.6106, 71.0450



Tritanopia

85.5638, 84.2644, 95.7594

Trichromacy



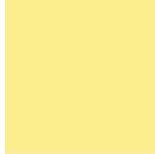
Original Color

71.2376, 84.7280, 13.5192



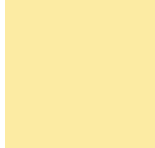
Protanomaly

74.1742, 84.1633, 27.3747



Deuteranomaly

75.5271, 83.7676, 37.3874



Tritanomaly

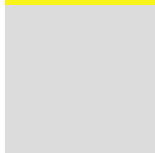
76.4641, 82.7565, 46.5938

Monochromacy



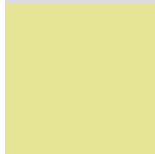
Original Color

71.2376, 84.7280, 13.5192



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

66.0773, 75.0315, 39.4337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2376, 84.7280, 13.5192 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(248, 244, 25)` looks like.

```
.text, #text, p{  
    color:rgb(248, 244, 25)  
}
```

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(248, 244, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 244, 25) }
```

Border

The CSS property to change the border of an element to XYZ 71.2376, 84.7280, 13.5192 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(248, 244, 25) }
```


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

```
.border{ border-color:rgb(248, 244, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 244, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 244, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 244, 25);  
box-shadow:4px 4px 4px 4px rgb(248, 244,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2376, 84.7280, 13.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 244, 25) }
```

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

```
.background{ background-color: rgb(248,  
244, 25) }
```

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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