

Converting Colors

XYZ(72.5652, 84.7789, 21.9906)

Have a look what the booklet for
XYZ(72.5652, 84.7789, 21.9906)
contains.

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Color

**XYZ(72.5652, 84.7789,
21.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F359
RGB	248, 243, 89
RGB Percent	97%, 95%, 35%
CMY	0.0275, 0.0470, 0.6510
CMYK	0.00, 0.02, 0.64, 0.03
HSL	58°, 92%, 66%
HSV	58°, 64%, 97%
XYZ	72.5652, 84.7789, 21.9906
YIQ	226.9390, 52.4140, -46.8340

Conversions

Conversions Part 2

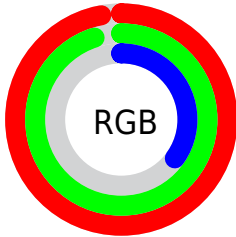
Format	Color
R _Y B	94, 248, 89
Decimal	16315225
CIE Lab	93.79, -16.24, 71.95
CIE LCh	94, 73.757, 102.720
Yxy	84.7789, 0.4046, 0.4727
Android (android.graphics.Color)	4294505305 (0xFFFF8F359)
YUV	226.9390, -68.0039, 18.4705
Hunter-Lab	92.0755, -20.4552, 50.2924

Details

The XYZ color **72.5652, 84.7789, 21.9906** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **25.0660, 16.9064, 90.7487**, and the grayscale version is **73.4237, 77.2474, 84.1225**.

A 20% lighter version of the original color is **82.1883, 94.8553, 41.1713**, and **38.6640, 46.2939, 7.7084** is the 20% darker color. If you saturate the color by 10%, you get **71.4625, 83.9688, 17.3223**, and if you desaturate by 10%, it is **74.0235, 85.7391, 28.5093**.

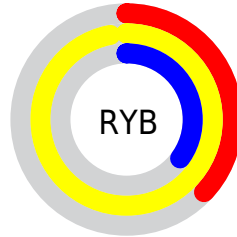
Distribution



Red (97%)

Green (95%)

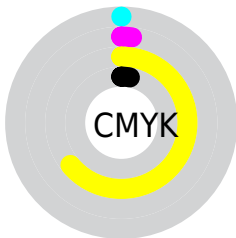
Blue (35%)



Red (37%)

Yellow (97%)

Blue (35%)

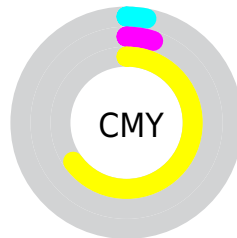


Cyan (0%)

Magenta (2%)

Yellow (64%)

Black (3%)



Cyan (3%)


Magenta (5%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5652, 84.7789, 21.9906 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 72.5652, 84.7789, 21.9906 by changing the saturation by 10% instead.


 72.5652, 84.7789,
21.9906


 72.5652, 84.7789,
21.9906


458.6336,
510.8962, 275.4491

 53.9076, 63.6587,
13.6517


 121.8662,
140.0642, 47.6325


 38.7582, 46.3743,
7.7429


 153.2404,
174.9981, 65.7725

 26.7515, 32.5413,
3.8455


 189.5841,
215.3054, 88.0168

 17.5223, 21.7753,
1.5410

 231.2627,
261.3705, 114.7837

 10.7052, 13.6919,
0.2482

278.6416,
313.5777, 146.4918

 5.9348, 7.9067,
0.0000

332.0862,

 2.8458, 4.0353,

372.3114, 183.5598

0.0000

391.9617,
437.9561, 226.4060

■ 1.0727, 1.6933,
0.0000

■ 0.0021, 0.4193,
0.0000

■ 72.5652, 84.7789,
21.9906

■ 72.5652, 84.7789,
21.9906

■ 71.4625, 83.9688,
17.3223

■ 74.0235, 85.7391,
28.5093

■ 70.6726, 83.2823,
14.3051

■ 75.8633, 86.8503,
37.0404

■ 70.1524, 82.7053,
12.7036

■ 78.1147, 88.1278,
47.7341

■ 69.9336, 82.4012,
12.2191

■ 80.8033, 89.5817,
60.7250

83.9524, 91.2214,
76.1367

87.5841, 93.0557,
94.0840

90.4697, 94.5932,
108.0978

90.7102, 95.0743,
108.1780

90.9517, 95.5574,
108.2585

Harmonies

Analogous

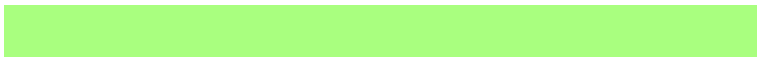
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2978, 84.7789, 22.8557



72.5652, 84.7789, 21.9906



57.6263, 84.7789, 33.5623

Triad

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



72.5652, 84.7789, 21.9906



55.9475, 84.7789, 186.5713



122.1767, 84.7789, 128.2155

Complementary

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



72.5652, 84.7789, 21.9906



25.0660, 16.9064, 90.7487

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.



108.9389, 84.7789, 196.4458



72.5652, 84.7789, 21.9906



69.8981, 84.7789, 238.4355

Square

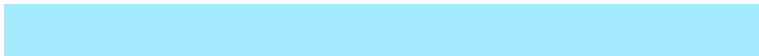
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5652, 84.7789, 21.9906



49.1314, 84.7789, 118.1658



89.1638, 84.7789, 242.6435



123.2037, 84.7789, 70.5307

Rectangle

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



72.5652, 84.7789, 21.9906



51.5174, 84.7789, 51.1591



89.1638, 84.7789, 242.6435



118.9198, 84.7789, 151.1261

Sweetspot

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



72.5672, 84.7828, 21.9923



87.7241, 96.2961, 72.7069



44.3181, 27.9156, 13.7140



18.5751, 20.5059, 14.5777



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.



72.5672, 84.7828, 21.9923



75.8448, 89.2209, 17.3142



52.7821, 76.8318, 21.5004



18.6779, 20.0917, 18.3560



37.7989, 44.5544, 6.6076



3.5151, 4.1551, 0.6167

Inverse Universe

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



25.0660, 16.9064, 90.7487



21.7127, 11.8986, 95.7600



35.6618, 21.7308, 91.1214



16.3267, 16.7303, 21.7541



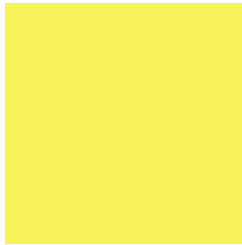
9.2171, 3.7897, 48.2193



0.8686, 0.3808, 4.4709

Previews

White Background



This preview shows how the XYZ color 72.5652, 84.7789, 21.9906 looks on a white background.

Color Contrast Check

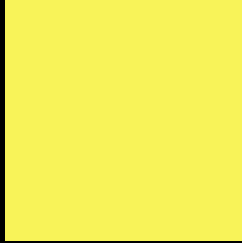
Large Text (above 18pt) WCAG AA × Fail

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 72.5652, 84.7789, 21.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

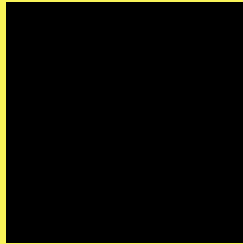
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5652, 84.7789, 21.9906

Background



This preview shows how black text looks on a background with the XYZ color 72.5652, 84.7789, 21.9906.

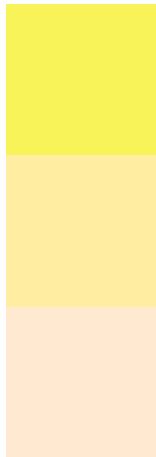


This preview shows how white text looks on a background with the XYZ color 72.5652, 84.7789,

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

72.5652, 84.7789, 21.9906

Protanopia

78.0458, 84.4370, 46.3669

Deuteranopia

82.1714, 84.7091, 72.3412



Tritanopia

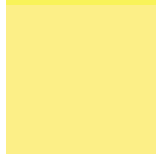
85.7145, 84.3247, 96.5527

Trichromacy



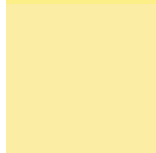
Original Color

72.5652, 84.7789, 21.9906



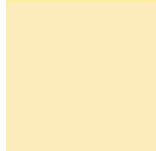
Protanomaly

75.3846, 84.1777, 35.1964



Deuteranomaly

77.2206, 83.9804, 47.7372



Tritanomaly

78.8229, 83.7000, 59.0150

Monochromacy



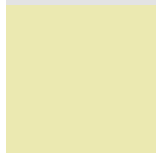
Original Color

72.5652, 84.7789, 21.9906



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.3357, 79.1143, 53.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5652, 84.7789, 21.9906 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, 243, 89)` looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 89)  
}
```

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, 243, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 89) }
```

Border

The CSS property to change the border of an element to XYZ 72.5652, 84.7789, 21.9906 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, 243, 89) }
```


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

```
.border{ border-color:rgb(248, 243, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 243, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 89);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5652, 84.7789, 21.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 89) }
```

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

```
.background{ background-color: rgb(248,  
243, 89) }
```

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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