

Converting Colors

XYZ(52.6366, 28.5322, 89.0928)

Have a look what the booklet for
XYZ(52.6366, 28.5322, 89.0928)
contains.

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Color

**XYZ(52.6664, 28.5915,
89.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	EA47F5
RGB	234, 71, 245
RGB Percent	92%, 28%, 96%
CMY	0.0823, 0.7215, 0.0392
CMYK	0.04, 0.71, 0.00, 0.04
HSL	296°, 90%, 62%
HSV	296°, 71%, 96%
XYZ	52.6664, 28.5915, 89.1291
YIQ	139.5730, 41.2940, 88.6700

Conversions

Conversions Part 2

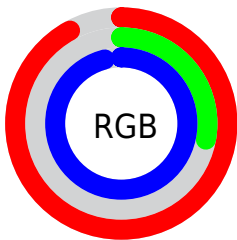
Format	Color
RYB	234, 71, 245
Decimal	15353845
CIELab	60.42, 81.28, -55.33
CIELCh	60, 98.330, 325.756
Yxy	28.5915, 0.3091, 0.1678
Android (android.graphics.Color)	4293543925 (0xFFEA47F5)
YUV	139.5730, 51.9755, 82.8125
Hunter-Lab	53.4710, 82.2397, -61.3989

Details

The XYZ color **52.6664, 28.5915, 89.1291** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **37.2703, 67.5543, 17.0374**, and the grayscale version is **24.5576, 25.8365, 28.1360**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **26.5327, 12.6295, 48.6163** is the 20% darker color. If you saturate the color by 10%, you get **50.9045, 25.8182, 88.6871**, and if you desaturate by 10%, it is **55.0626, 32.6248, 89.7817**.

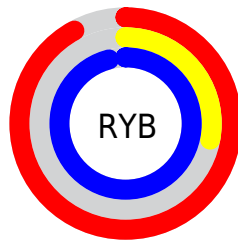
Distribution



Red (92%)

Green (28%)

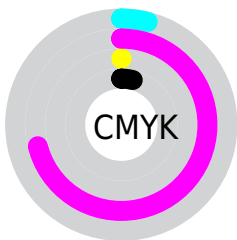
Blue (96%)



Red (92%)

Yellow (28%)

Blue (96%)

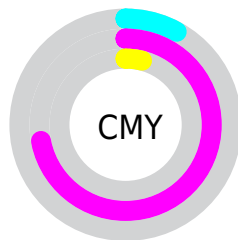


Cyan (4%)

Magenta (71%)

Yellow (0%)

Black (4%)



Cyan (8%)


Magenta (72%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6664, 28.5915, 89.1291 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 52.6664, 28.5915, 89.1291 by changing the saturation by 10% instead.


 52.6664, 28.5915,
89.1291

 52.6664, 28.5915,
89.1291

387.2858,
295.2826, 545.6906

 37.7629, 18.7720,
66.6889

 93.2817, 57.4274,
148.0530


 25.9751, 11.5057,
48.3719


 119.7243, 77.2127,
185.3738

 16.9376, 6.4080,
33.7594


 150.7439,
101.0886, 228.4919

 10.2850, 3.0947,
22.4329

 186.7060,
129.4396, 277.8258

 5.6521, 1.1814,
13.9740

227.9759,
162.6501, 333.7941

 2.6733, 0.0464,
7.9640

274.9189,

 0.9835, 0.0000,

201.1046, 396.8153

3.9845

327.9004,
245.1873, 467.3080

■ 0.0000, 0.0000,
1.6168

■ 0.0000, 0.0000,
0.3028

■ 52.6664, 28.5915,
89.1291

■ 52.6664, 28.5915,
89.1291

■ 50.9045, 25.8182,
88.6871

■ 55.0626, 32.6248,
89.7817

■ 49.6927, 24.1397,
88.4270

■ 58.1571, 38.0490,
90.6656

■ 48.9587, 23.3352,
88.3104

■ 62.0097, 44.9828,
91.8009

■ 66.6729, 53.5311,
93.2051

72.1946, 63.7896,
94.8942

78.6187, 75.8465,
96.8828

85.9864, 89.7838,
99.1847

90.3851, 97.7763,
100.4955

90.9318, 98.0582,
100.5211

Harmonies

Analogous

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



39.1819, 28.5915, 145.5541



52.6664, 28.5915, 89.1291



59.3878, 28.5915, 36.5794

Triad

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



52.6664, 28.5915, 89.1291



29.0165, 28.5915, 0.4272



10.6212, 28.5915, 72.3020

Complementary

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



52.6664, 28.5915, 89.1291



37.2703, 67.5543, 17.0374

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.



9.4134, 28.5915, 26.2529



52.6664, 28.5915, 89.1291



17.9125, 28.5915, 1.0970

Square

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



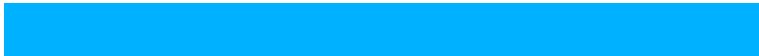
52.6664, 28.5915, 89.1291



43.2995, 28.5915, 1.7501



11.6134, 28.5915, 6.0755



15.6522, 28.5915, 131.6028

Rectangle

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



52.6664, 28.5915, 89.1291



57.9717, 28.5915, 15.7814



11.6134, 28.5915, 6.0755



9.8377, 28.5915, 54.1520

Sweetspot

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



52.6675, 28.5928, 89.1297



79.0473, 69.8270, 103.9195



22.1439, 14.0590, 87.9332



16.5406, 14.2394, 22.1266



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.



52.6675, 28.5928, 89.1297



55.1288, 27.3756, 96.9862



47.1283, 26.8073, 40.5242



17.1041, 16.7118, 20.8668



26.4199, 12.5943, 47.5765



2.3528, 1.1228, 4.1829

Inverse Universe

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



41.4333, 24.5293, 10.5347



42.5599, 22.9098, 5.4219



40.4715, 68.7329, 38.4931



16.5416, 16.4995, 17.3327



20.3511, 10.4839, 1.2914



1.8033, 0.9273, 0.1904

Previews

White Background



This preview shows how the XYZ color 52.6664, 28.5915, 89.1291 looks on a white background.

Color Contrast Check

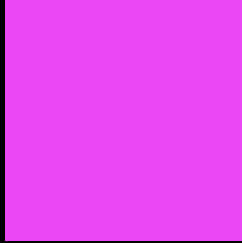
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6664, 28.5915, 89.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

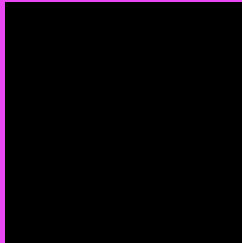
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.6664, 28.5915, 89.1291

Background



This preview shows how black text looks on a background with the XYZ color 52.6664, 28.5915, 89.1291.



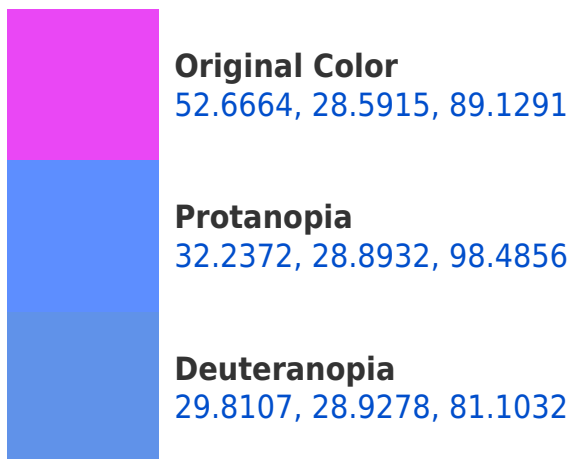
This preview shows how white text looks on a background with the XYZ color 52.6664, 28.5915,

89.1291.

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





Tritanopia

38.5697, 28.2508, 21.5093

Trichromacy



Original Color

52.6664, 28.5915, 89.1291



Protanomaly

35.1596, 25.3851, 94.3135



Deuteranomaly

33.7369, 25.4191, 83.2490



Tritanomaly

41.9911, 27.3358, 39.1396

Monochromacy



Original Color

52.6664, 28.5915, 89.1291



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

31.6222, 24.4745, 45.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6664, 28.5915, 89.1291 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(234, 71, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 71, 245)  
}
```

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(234, 71, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 71, 245) }
```

Border

The CSS property to change the border of an element to XYZ 52.6664, 28.5915, 89.1291 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(234, 71, 245) }
```


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

```
.border{ border-color:rgb(234, 71, 245) }
```

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

Here you see how a box with a 4 pixel rgb(234, 71, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 71, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 71, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 71,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6664, 28.5915, 89.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 71, 245) }
```

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

```
.background{ background-color: rgb(234, 71,  
245) }
```

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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