

Converting Colors

XYZ(54.8212, 28.1324, 88.1286)

Have a look what the booklet for
XYZ(54.8212, 28.1324, 88.1286)
contains.

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Color

**XYZ(54.8212, 28.1324,
88.1286)**

Conversions

Conversions Part 1

Format	Color
Hex	F433F4
RGB	244, 51, 244
RGB Percent	96%, 20%, 96%
CMY	0.0431, 0.8000, 0.0431
CMYK	0.00, 0.79, 0.00, 0.04
HSL	300°, 90%, 58%
HSV	300°, 79%, 96%
XYZ	54.8212, 28.1324, 88.1286
YIQ	130.7090, 53.0750, 100.9390

Conversions

Conversions Part 2

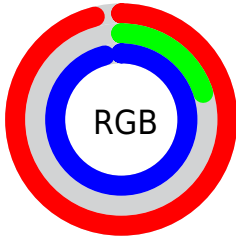
Format	Color
R_{YB}	244, 51, 244
Decimal	16004084
CIE _{Lab}	60.01, 88.58, -55.34
CIE _{LCh}	60, 104.448, 328.007
Yxy	28.1324, 0.3204, 0.1644
Android (android.graphics.Color)	4294194164 (0xFFFF433F4)
YUV	130.7090, 55.8525, 99.3562
Hunter-Lab	53.0400, 91.6745, -61.3853

Details

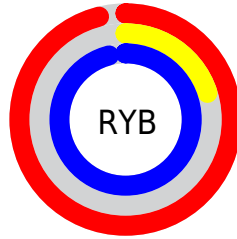
The XYZ color **54.8212, 28.1324, 88.1286** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **34.3148, 65.6456, 13.9957**, and the grayscale version is **21.2663, 22.3738, 24.3651**.

A 20% lighter version of the original color is **66.1274, 42.1547, 99.2591**, and **28.4981, 13.6551, 48.1474** is the 20% darker color. If you saturate the color by 10%, you get **54.0211, 26.5312, 87.8620**, and if you desaturate by 10%, it is **56.1821, 30.8532, 88.5825**.

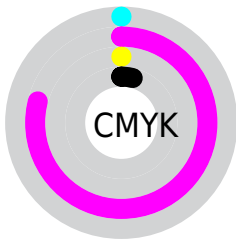
Distribution



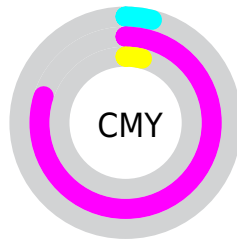
- Red (96%)
- Green (20%)
- Blue (96%)



- Red (96%)
- Yellow (20%)
- Blue (96%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (80%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8212, 28.1324, 88.1286 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 54.8212, 28.1324, 88.1286 by changing the saturation by 10% instead.


 54.8212, 28.1324,
88.1286

 54.8212, 28.1324,
88.1286

395.3813,
293.0990, 542.3365


 39.4919, 18.4255,
65.8646

 96.4288, 56.6958,
146.6489


 27.3250, 11.2559,
47.7067


 123.4377, 76.3210,
183.7423


 17.9553, 6.2392,
33.2364


 155.0706,
100.0211, 226.6159

 11.0174, 2.9911,
22.0350

 191.6928,
128.1805, 275.6884

 6.1459, 1.1271,
13.6840

 233.6696,
161.1836, 331.3781

 2.9755, 0.0009,
7.7650

281.3663,

 1.1408, 0.0000,

199.4148, 394.1036

3.8593

335.1484,
243.2585, 464.2836

■ 0.0589, 0.0000,
1.5485

■ 0.0000, 0.0000,
0.2537

■ 54.8212, 28.1324,
88.1286

■ 54.8212, 28.1324,
88.1286

■ 54.0211, 26.5312,
87.8620

■ 56.1821, 30.8532,
88.5825

■ 53.6620, 25.8130,
87.7421

■ 58.1772, 34.8433,
89.2477

■ 53.6380, 25.7651,
87.7341

■ 60.8723, 40.2335,
90.1462

■ 64.3242, 47.1374,
91.2970

68.5840, 55.6568,
92.7170

73.6981, 65.8851,
94.4218

79.7096, 77.9080,
96.4258

86.6586, 91.8060,
98.7422

89.3982, 97.2852,
99.6556

Harmonies

Analogous

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



40.6352, 28.1324, 151.4710



54.8212, 28.1324, 88.1286



61.3052, 28.1324, 33.2502

Triad

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



54.8212, 28.1324, 88.1286



27.6384, 28.1324, 0.0000



9.9192, 28.1324, 79.5008

Complementary

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



54.8212, 28.1324, 88.1286



34.3148, 65.6456, 13.9957

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.



8.4592, 28.1324, 28.1539



54.8212, 28.1324, 88.1286



16.4383, 28.1324, 0.7863

Square

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



54.8212, 28.1324, 88.1286



42.7059, 28.1324, 1.0423



10.3856, 28.1324, 5.9065



15.3493, 28.1324, 144.1965

Rectangle

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



54.8212, 28.1324, 88.1286



59.1792, 28.1324, 13.1107



10.3856, 28.1324, 5.9065



9.0466, 28.1324, 59.3086

Sweetspot

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



54.8223, 28.1337, 88.1292



78.5372, 66.9746, 103.3954



18.8795, 9.6045, 86.4481



16.3911, 13.4971, 21.9912



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.



54.8223, 28.1337, 88.1292



59.4305, 28.7614, 97.0256



43.7994, 23.7245, 30.0834



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7043



2.5633, 1.2313, 4.1927

Inverse Universe

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



54.8223, 28.1337, 88.1292



59.4305, 28.7614, 97.0256



39.0233, 67.5290, 38.7902



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7043



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 54.8212, 28.1324, 88.1286 looks on a white background.

Color Contrast Check

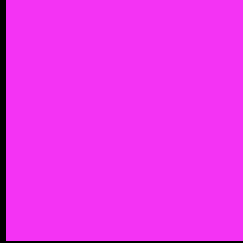
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.8212, 28.1324, 88.1286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

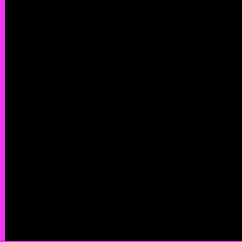
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.8212, 28.1324, 88.1286

Background



This preview shows how black text looks on a background with the XYZ color 54.8212, 28.1324, 88.1286.



This preview shows how white text looks on a background with the XYZ color 54.8212, 28.1324,

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

54.8212, 28.1324, 88.1286

Protanopia

31.7913, 28.4434, 98.4223

Deuteranopia

29.3731, 28.5071, 79.5556



Tritanopia

40.2893, 27.9310, 18.5970

Trichromacy



Original Color

54.8212, 28.1324, 88.1286



Protanomaly

34.6292, 23.8012, 94.0357



Deuteranomaly

33.4024, 23.9090, 82.2113



Tritanomaly

43.5253, 26.5275, 36.0840

Monochromacy



Original Color

54.8212, 28.1324, 88.1286



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

29.2110, 21.2520, 41.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8212, 28.1324, 88.1286 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(244, 51, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 51, 244)  
}
```

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(244, 51, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 51, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.8212, 28.1324, 88.1286 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(244, 51, 244) }
```


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

```
.border{ border-color:rgb(244, 51, 244) }
```

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

Here you see how a box with a 4 pixel rgb(244, 51, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 51, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 51, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 51,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8212, 28.1324, 88.1286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 51, 244) }
```

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

```
.background{ background-color: rgb(244, 51,  
244) }
```

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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