

Converting Colors

XYZ(54.4414, 27.2050, 69.3995)

Have a look what the booklet for
XYZ(54.4414, 27.2050, 69.3995)
contains.

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Color

**XYZ(54.4414, 27.2050,
69.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1CDB
RGB	255, 28, 219
RGB Percent	100%, 11%, 86%
CMY	0.0000, 0.8901, 0.1412
CMYK	0.00, 0.89, 0.14, 0.00
HSL	310°, 100%, 55%
HSV	310°, 89%, 100%
XYZ	54.4414, 27.2050, 69.3995
YIQ	117.6470, 73.9810, 107.5250

Conversions

Conversions Part 2

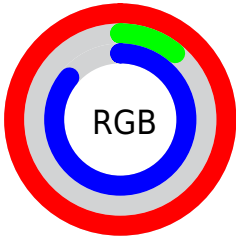
Format	Color
R _{YB}	255, 28, 219
Decimal	16719067
CIE _{Lab}	59.16, 91.26, -42.53
CIE _{LCh}	59, 100.682, 335.015
Yxy	27.2050, 0.3604, 0.1801
Android (android.graphics.Color)	4294909147 (0xFFFF1CDB)
YUV	117.6470, 49.9670, 120.4586
Hunter-Lab	52.1584, 95.0358, -42.3776

Details

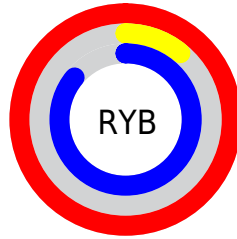
The XYZ color **54.4414, 27.2050, 69.3995** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **37.1657, 72.1377, 16.8194**, and the grayscale version is **16.9471, 17.8297, 19.4166**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **28.6032, 13.9818, 35.8415** is the 20% darker color. If you saturate the color by 10%, you get **53.5275, 26.2189, 66.4998**, and if you desaturate by 10%, it is **55.8625, 29.1846, 72.5326**.

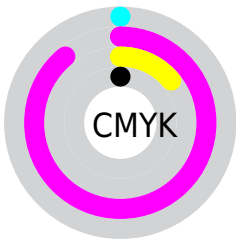
Distribution



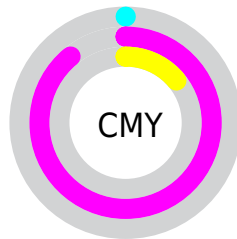
- Red (100%)
- Green (11%)
- Blue (86%)



- Red (100%)
- Yellow (11%)
- Blue (86%)



- Cyan (0%)
- Magenta (89%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (89%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4414, 27.2050, 69.3995 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 54.4414, 27.2050, 69.3995 by changing the saturation by 10% instead.


 54.4414, 27.2050,
69.3995

 54.4414, 27.2050,
69.3995


393.9619,
288.6483, 477.1708


 39.1867, 17.7272,
50.5634


 95.8751, 55.2127,
120.0251


 27.0864, 10.7543,
35.4869


 122.7849, 74.5113,
152.6516


 17.7751, 5.9019,
23.7516


 154.3105, 97.8525,
190.7120

 10.8873, 2.7855,
14.9390

 190.8171,
125.6204, 234.6247

 6.0578, 1.0208,
8.6304

 232.6702,
158.1996, 284.8085

 2.9213, 0.0000,
4.4074

280.2352,

 1.1123, 0.0000,

195.9743, 341.6817

1.8514

333.8773,
239.3291, 405.6629

■ 0.0353, 0.0000,
0.4615

■ 0.0000, 0.0000,
0.0000

■ 54.4414, 27.2050,
69.3995

■ 54.4414, 27.2050,
69.3995

■ 53.5275, 26.2189,
66.4998

■ 55.8625, 29.1846,
72.5326

■ 53.4487, 26.1435,
66.2199

■ 57.9153, 32.4067,
75.9403

■ 60.6861, 37.0439,
79.6521

■ 64.2473, 43.2406,
83.6924

68.6620, 51.1233,
88.0829

73.9872, 60.8055,
92.8428

80.2748, 72.3909,
97.9900

87.5727, 85.9754,
103.5407

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.3029, 27.2050, 129.7759



54.4414, 27.2050, 69.3995



58.0737, 27.2050, 23.9872

Triad

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



54.4414, 27.2050, 69.3995



23.8070, 27.2050, 0.1195



10.7127, 27.2050, 89.5198

Complementary

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



54.4414, 27.2050, 69.3995



37.1657, 72.1377, 16.8194

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.



8.5101, 27.2050, 36.0758



54.4414, 27.2050, 69.3995



14.3452, 27.2050, 1.4251

Square

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



54.4414, 27.2050, 69.3995



37.4350, 27.2050, 0.7513



9.5837, 27.2050, 8.9828



16.9532, 27.2050, 146.6144

Rectangle

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



54.4414, 27.2050, 69.3995



54.4328, 27.2050, 8.9683



9.5837, 27.2050, 8.9828



9.5865, 27.2050, 69.4565

Sweetspot

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



54.4421, 27.2062, 69.4000



75.1718, 62.9776, 93.8455



20.4570, 9.0782, 95.2818



15.6640, 12.6996, 19.7241



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.



54.4421, 27.2062, 69.4000



53.4487, 26.1435, 66.2199



44.3343, 23.1631, 16.1733



18.6616, 18.2480, 22.1011



27.9744, 13.6791, 34.8455



2.7555, 1.3446, 3.5600

Inverse Universe

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



54.4421, 27.2062, 69.4000



53.4487, 26.1435, 66.2199



44.0325, 74.8844, 52.9793



18.6616, 18.2480, 22.1011



27.9744, 13.6791, 34.8455



2.7555, 1.3446, 3.5600

Previews

White Background



This preview shows how the XYZ color 54.4414, 27.2050, 69.3995 looks on a white background.

Color Contrast Check

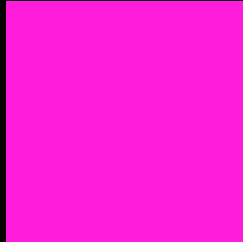
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4414, 27.2050, 69.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

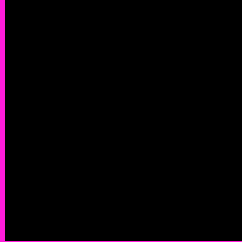
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.4414, 27.2050, 69.3995

Background



This preview shows how black text looks on a background with the XYZ color 54.4414, 27.2050, 69.3995.



This preview shows how white text looks on a background with the XYZ color 54.4414, 27.2050,

69.3995.

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

54.4414, 27.2050, 69.3995

Protanopia

31.1204, 27.6637, 98.3071

Deuteranopia

28.1367, 27.3575, 62.1901



Tritanopia

42.9010, 27.1860, 13.5760

Trichromacy



Original Color

54.4414, 27.2050, 69.3995



Protanomaly

32.5215, 21.5375, 86.4475



Deuteranomaly

32.4635, 22.1423, 64.1909



Tritanomaly

45.3788, 25.8348, 27.0210

Monochromacy



Original Color

54.4414, 27.2050, 69.3995



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

25.3133, 17.1884, 32.9939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4414, 27.2050, 69.3995 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(255, 28, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 219)  
}
```

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(255, 28, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.4414, 27.2050, 69.3995 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(255, 28, 219) }
```


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

```
.border{ border-color:rgb(255, 28, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4414, 27.2050, 69.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 219) }
```

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

```
.background{ background-color: rgb(255, 28,  
219) }
```

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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