

Converting Colors

XYZ(54.2328, 27.7148, 66.4718)

Have a look what the booklet for
XYZ(54.2328, 27.7148, 66.4718)
contains.

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Color

**XYZ(54.2987, 27.7522,
66.7848)**

Conversions

Conversions Part 1

Format	Color
Hex	FF29D7
RGB	255, 41, 215
RGB Percent	100%, 16%, 84%
CMY	0.0000, 0.8391, 0.1569
CMYK	0.00, 0.84, 0.16, 0.00
HSL	311°, 100%, 58%
HSV	311°, 84%, 100%
XYZ	54.2987, 27.7522, 66.7848
YIQ	124.8220, 71.6900, 99.4820

Conversions

Conversions Part 2

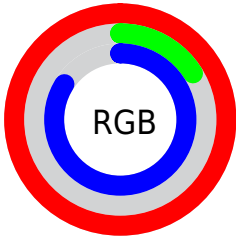
Format	Color
R _Y B	255, 41, 215
Decimal	16722391
CIE _{Lab}	59.66, 88.74, -39.47
CIE _{LCh}	60, 97.123, 336.019
Yxy	27.7522, 0.3648, 0.1865
Android (android.graphics.Color)	4294912471 (0xFFFF29D7)
YUV	124.8220, 44.4578, 114.1661
Hunter-Lab	52.6804, 91.7929, -38.2878

Details

The XYZ color **54.2987, 27.7522, 66.7848** 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 **38.1610, 72.5861, 19.7873**, and the grayscale version is **19.2750, 20.2788, 22.0836**.

A 20% lighter version of the original color is **65.5354, 40.9708, 99.0618**, and **28.5933, 14.0074, 34.4544** is the 20% darker color. If you saturate the color by 10%, you get **53.0802, 26.2813, 63.4007**, and if you desaturate by 10%, it is **56.1061, 30.3722, 70.4538**.

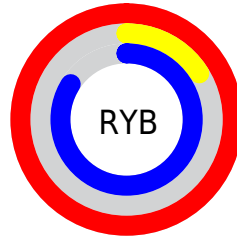
Distribution



Red (100%)

Green (16%)

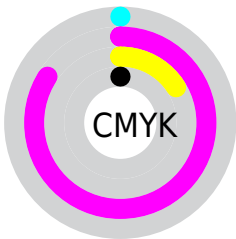
Blue (84%)



Red (100%)

Yellow (16%)

Blue (84%)

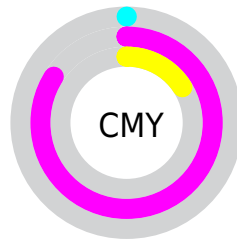


Cyan (0%)

Magenta (84%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2987, 27.7522, 66.7848 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 54.2987, 27.7522, 66.7848 by changing the saturation by 10% instead.


 54.2987, 27.7522,
66.7848


 54.2987, 27.7522,
66.7848

393.4278,
291.2809, 467.6590

 39.0721, 18.1389,
48.4493

 95.6670, 56.0886,
116.2497

 26.9968, 11.0498,
33.8203


 122.5395, 75.5805,
148.2162


 17.7074, 6.1003,
22.4793


 154.0246, 99.1341,
185.5634

 10.8385, 2.9062,
14.0079

 190.4878,
127.1337, 228.7098

 6.0249, 1.0830,
7.9873

 232.2943,
159.9638, 278.0740

 2.9010, 0.0000,
3.9992

279.8096,

 1.1016, 0.0000,

198.0088, 334.0746

1.6249

333.3990,
241.6531, 397.1301

■ 0.0265, 0.0000,
0.3085

■ 0.0000, 0.0000,
0.0000

■ 54.2987, 27.7522,
66.7848

■ 54.2987, 27.7522,
66.7848

■ 53.0802, 26.2813,
63.4007

■ 56.1061, 30.3722,
70.4538

■ 52.5432, 25.7813,
61.4520

■ 58.5958, 34.3283,
74.4389

■ 61.8467, 39.7776,
78.7671

■ 65.9261, 46.8547,
83.4617

70.8939, 55.6791,
88.5434

76.8044, 66.3590,
94.0309

83.7072, 78.9939,
99.9416

91.6489, 93.6761,
106.2914

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.



42.8038, 27.7522, 124.2727



54.2987, 27.7522, 66.7848



57.4389, 27.7522, 23.6788

Triad

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



54.2987, 27.7522, 66.7848



23.9830, 27.7522, 0.4392



11.5397, 27.7522, 89.8156

Complementary

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



54.2987, 27.7522, 66.7848



38.1610, 72.5861, 19.7873

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.



9.1975, 27.7522, 37.8610



54.2987, 27.7522, 66.7848



14.8050, 27.7522, 1.9027

Square

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



54.2987, 27.7522, 66.7848



37.1615, 27.7522, 0.9881



10.1735, 27.7522, 10.2501



17.9123, 27.7522, 143.3376

Rectangle

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



54.2987, 27.7522, 66.7848



53.7276, 27.7522, 9.2280



10.1735, 27.7522, 10.2501



10.3623, 27.7522, 70.5442

Sweetspot

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



54.2994, 27.7534, 66.7853



76.1156, 65.1068, 93.4151



22.1728, 10.5234, 95.4703



15.8317, 13.1015, 19.5753



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.



54.2994, 27.7534, 66.7853



52.5432, 25.7813, 61.4520



44.7820, 23.9465, 16.6676



18.6384, 18.2387, 21.9792



27.5072, 13.4922, 32.3853



2.7142, 1.3281, 3.3424

Inverse Universe

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



54.2994, 27.7534, 66.7853



52.5432, 25.7813, 61.4520



45.6704, 75.5899, 59.3312



18.6384, 18.2387, 21.9792



27.5072, 13.4922, 32.3853



2.7142, 1.3281, 3.3424

Previews

White Background



This preview shows how the XYZ color 54.2987, 27.7522, 66.7848 looks on a white background.

Color Contrast Check

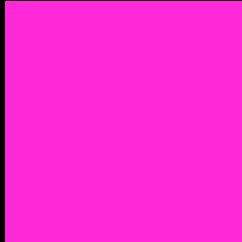
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2987, 27.7522, 66.7848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

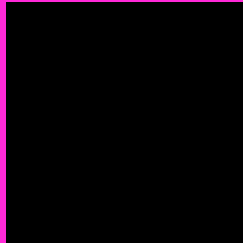
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.2987, 27.7522, 66.7848

Background



This preview shows how black text looks on a background with the XYZ color 54.2987, 27.7522, 66.7848.



This preview shows how white text looks on a background with the XYZ color 54.2987, 27.7522,

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

54.2987, 27.7522, 66.7848

Protanopia

31.5479, 28.1000, 98.3688

Deuteranopia

28.5020, 27.8212, 59.7449



Tritanopia

43.1606, 27.5598, 14.1111

Trichromacy



Original Color

54.2987, 27.7522, 66.7848



Protanomaly

33.0729, 22.5815, 85.0536



Deuteranomaly

33.1086, 23.2661, 61.7773



Tritanomaly

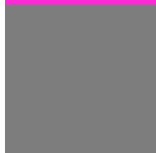
45.7541, 26.5856, 27.1461

Monochromacy



Original Color

54.2987, 27.7522, 66.7848



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

27.1875, 19.2447, 34.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2987, 27.7522, 66.7848 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, 41, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 215)  
}
```

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, 41, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.2987, 27.7522, 66.7848 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, 41, 215) }
```


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

```
.border{ border-color:rgb(255, 41, 215) }
```

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

Here you see how a box with a 4 pixel rgb(255, 41, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2987, 27.7522, 66.7848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 215) }
```

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

```
.background{ background-color: rgb(255, 41,  
215) }
```

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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