

Converting Colors

XYZ(54.7396, 28.2168, 68.2181)

Have a look what the booklet for
XYZ(54.7396, 28.2168, 68.2181)
contains.

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Color

**XYZ(54.7414, 28.2237,
68.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2ED9
RGB	255, 46, 217
RGB Percent	100%, 18%, 85%
CMY	0.0000, 0.8195, 0.1490
CMYK	0.00, 0.82, 0.15, 0.00
HSL	311°, 100%, 59%
HSV	311°, 82%, 100%
XYZ	54.7414, 28.2237, 68.2082
YIQ	127.9850, 69.6730, 97.4890

Conversions

Conversions Part 2

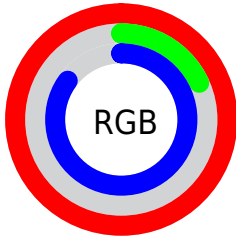
Format	Color
RYB	255, 46, 217
Decimal	16723673
CIELab	60.09, 88.03, -39.94
CIElCh	60, 96.663, 335.596
Yxy	28.2237, 0.3621, 0.1867
Android (android.graphics.Color)	4294913753 (0xFFFF2ED9)
YUV	127.9850, 43.8844, 111.3922
Hunter-Lab	53.1260, 90.9572, -38.9340

Details

The XYZ color **54.7414, 28.2237, 68.2082** 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 **38.4882, 72.7415, 20.4024**, and the grayscale version is **20.3511, 21.4109, 23.3165**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **28.7697, 14.0780, 35.3834** is the 20% darker color. If you saturate the color by 10%, you get **53.4290, 26.5505, 64.8370**, and if you desaturate by 10%, it is **56.6623, 31.0867, 71.8664**.

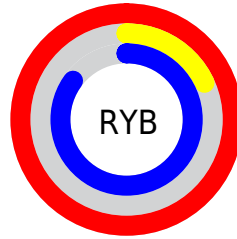
Distribution



Red (100%)

Green (18%)

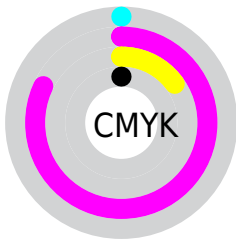
Blue (85%)



Red (100%)

Yellow (18%)

Blue (85%)

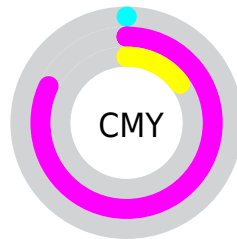


Cyan (0%)

Magenta (82%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7414, 28.2237, 68.2082 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 54.7414, 28.2237, 68.2082 by changing the saturation by 10% instead.


 54.7414, 28.2237,
68.2082


 54.7414, 28.2237,
68.2082


395.0833,
293.5343, 472.8514


 39.4277, 18.4944,
49.5994


 96.3125, 56.8414,
118.3070


 27.2749, 11.3055,
34.7262


 123.3006, 76.4985,
150.6340


 17.9174, 6.2727,
23.1702


 154.9110,
100.2337, 188.3709

 10.9900, 3.0116,
14.5128

 191.5089,
128.4314, 231.9361

 6.1274, 1.1378,
8.3353

 233.4597,
161.4758, 281.7482

 2.9641, 0.0100,
4.2194

281.1288,

 1.1348, 0.0000,

199.7516, 338.2258

1.7465

334.8816,
243.6429, 401.7873

■ 0.0539, 0.0000,
0.3923

■ 0.0000, 0.0000,
0.0000

■ 54.7414, 28.2237,
68.2082

■ 54.7414, 28.2237,
68.2082

■ 53.4290, 26.5505,
64.8370

■ 56.6623, 31.0867,
71.8664

■ 52.7033, 25.8453,
62.2949

■ 59.2811, 35.3182,
75.8412

■ 62.6741, 41.0703,
80.1590

■ 66.9068, 48.4743,
84.8424

72.0380, 57.6472,
89.9114

78.1208, 68.6953,
95.3845

85.2045, 81.7166,
101.2788

93.3346, 96.8022,
107.6099

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.



43.1356, 28.2237, 125.6701



54.7414, 28.2237, 68.2082



58.0328, 28.2237, 24.5714

Triad

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



54.7414, 28.2237, 68.2082



24.5787, 28.2237, 0.5174



11.7919, 28.2237, 89.6517

Complementary

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



54.7414, 28.2237, 68.2082



38.4882, 72.7415, 20.4024

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.



9.4671, 28.2237, 37.8421



54.7414, 28.2237, 68.2082



15.2528, 28.2237, 1.9795

Square

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



54.7414, 28.2237, 68.2082



37.8675, 28.2237, 1.0945



10.5047, 28.2237, 10.3418



18.1708, 28.2237, 143.3817

Rectangle

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



54.7414, 28.2237, 68.2082



54.4066, 28.2237, 9.7345



10.5047, 28.2237, 10.3418



10.6167, 28.2237, 70.4107

Sweetspot

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



54.7420, 28.2249, 68.2087



76.1648, 65.1265, 93.6741



22.4077, 10.9177, 95.5340



15.8436, 13.1063, 19.6379



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.



54.7420, 28.2249, 68.2087



52.8736, 26.0020, 62.9185



45.3512, 24.4686, 18.7572



18.6426, 18.2404, 22.0011



27.5899, 13.5252, 32.8204



2.7215, 1.3310, 3.3810

Inverse Universe

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



54.7420, 28.2249, 68.2087



52.8736, 26.0020, 62.9185



45.6801, 75.6183, 58.2746



18.6426, 18.2404, 22.0011



27.5899, 13.5252, 32.8204



2.7215, 1.3310, 3.3810

Previews

White Background



This preview shows how the XYZ color 54.7414, 28.2237, 68.2082 looks on a white background.

Color Contrast Check

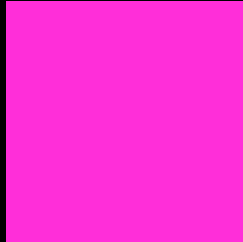
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7414, 28.2237, 68.2082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

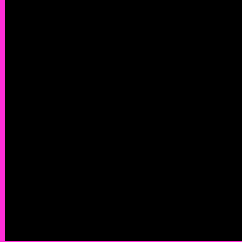
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.7414, 28.2237, 68.2082

Background



This preview shows how black text looks on a background with the XYZ color 54.7414, 28.2237, 68.2082.



This preview shows how white text looks on a background with the XYZ color 54.7414, 28.2237,

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

54.7414, 28.2237, 68.2082

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

29.0337, 28.2896, 61.0569



Tritanopia

43.4747, 27.9627, 14.9103

Trichromacy



Original Color

54.7414, 28.2237, 68.2082



Protanomaly

33.8974, 23.4456, 85.9579



Deuteranomaly

33.8844, 24.0992, 63.1873



Tritanomaly

46.1783, 27.0783, 28.3840

Monochromacy



Original Color

54.7414, 28.2237, 68.2082



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

28.1684, 20.2721, 35.6860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7414, 28.2237, 68.2082 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, 46, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 217)  
}
```

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, 46, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.7414, 28.2237, 68.2082 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, 46, 217) }
```


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

```
.border{ border-color:rgb(255, 46, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7414, 28.2237, 68.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 217) }
```

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

```
.background{ background-color: rgb(255, 46,  
217) }
```

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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