

Converting Colors

XYZ(55.4981, 30.5067, 75.0896)

Have a look what the booklet for
XYZ(55.4981, 30.5067, 75.0896)
contains.

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Color

**XYZ(55.4692, 30.4497,
74.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	FA48E2
RGB	250, 72, 226
RGB Percent	98%, 28%, 89%
CMY	0.0196, 0.7176, 0.1137
CMYK	0.00, 0.71, 0.10, 0.02
HSL	308°, 95%, 63%
HSV	308°, 71%, 98%
XYZ	55.4692, 30.4497, 74.9053
YIQ	142.7780, 56.6540, 85.6300

Conversions

Conversions Part 2

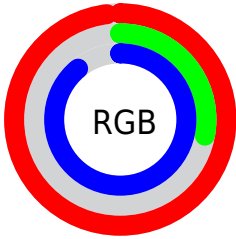
Format	Color
R _Y B	250, 72, 226
Decimal	16402658
CIE Lab	62.04, 81.46, -42.00
CIE LCh	62, 91.649, 332.722
Yxy	30.4497, 0.3449, 0.1893
Android (android.graphics.Color)	4294592738 (0xFFFA48E2)
YUV	142.7780, 41.0284, 94.0337
Hunter-Lab	55.1812, 82.8643, -41.8558

Details

The XYZ color **55.4692, 30.4497, 74.9053** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **38.9710, 70.5948, 22.6409**, and the grayscale version is **25.8478, 27.1939, 29.6142**.

A 20% lighter version of the original color is **67.9540, 45.8079, 99.8680**, and **28.2420, 13.7211, 39.1901** is the 20% darker color. If you saturate the color by 10%, you get **53.7110, 27.6657, 72.0595**, and if you desaturate by 10%, it is **57.8952, 34.5533, 78.0190**.

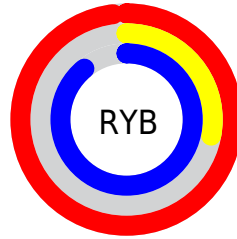
Distribution



Red (98%)

Green (28%)

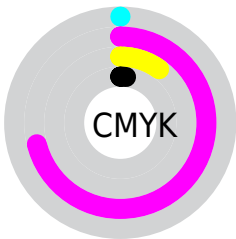
Blue (89%)



Red (98%)

Yellow (28%)

Blue (89%)

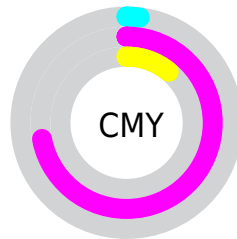


Cyan (0%)

Magenta (71%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (72%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4692, 30.4497, 74.9053 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 55.4692, 30.4497, 74.9053 by changing the saturation by 10% instead.


 55.4692, 30.4497,
74.9053

 55.4692, 30.4497,
74.9053


397.7956,
303.9950, 496.8387


 40.0128, 20.1802,
55.0340


 97.3724, 60.3726,
127.9242

 27.7328, 12.5261,
39.0302


 124.5499, 80.7948,
161.9089

 18.2638, 7.1030,
26.4752


 156.3652,
105.3700, 201.4351

 11.2404, 3.5266,
16.9505

 193.1836,
134.4826, 246.9215

 6.2972, 1.4125,
10.0376

235.3705,
168.5170, 298.7865

 3.0690, 0.2259,
5.3180

283.2912,

 1.1904, 0.0000,

207.8576, 357.4487

2.3730

337.3111,
252.8888, 423.3266

■ 0.0987, 0.0000,
0.7717

■ 0.0000, 0.0000,
0.0000

■ 55.4692, 30.4497,
74.9053

■ 55.4692, 30.4497,
74.9053

■ 53.7110, 27.6657,
72.0595

■ 57.8952, 34.5533,
78.0190


■ 52.5321, 26.0265,
69.4511


■ 61.0567, 40.1141,
81.4229


■ 51.8571, 25.2971,
67.3125


■ 65.0169, 47.2574,
85.1383


■ 69.8309, 56.0937,
89.1840

 75.5492, 66.7236,
93.5770

 82.2181, 79.2399,
98.3329

 89.8810, 93.7289,
103.4665

 92.9095, 98.9341,
107.1020

 93.2348, 99.0642,
108.8150

Harmonies

Analogous

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



43.7050, 30.4497, 129.0522



55.4692, 30.4497, 74.9053



59.5848, 30.4497, 30.0398

Triad

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



55.4692, 30.4497, 74.9053



27.8325, 30.4497, 1.0826



13.2531, 30.4497, 84.9170

Complementary

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



55.4692, 30.4497, 74.9053



38.9710, 70.5948, 22.6409

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.



11.1596, 30.4497, 36.4775



55.4692, 30.4497, 74.9053



17.9448, 30.4497, 2.5804

Square

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



55.4692, 30.4497, 74.9053



41.1932, 30.4497, 2.0372



12.5967, 30.4497, 10.7892



19.3974, 30.4497, 137.1793

Rectangle

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



55.4692, 30.4497, 74.9053



56.7044, 30.4497, 13.2668



12.5967, 30.4497, 10.7892



12.1458, 30.4497, 66.8124

Sweetspot

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



55.4703, 30.4512, 74.9059



79.1407, 70.0070, 97.9690



24.3702, 14.0109, 91.8634



16.5636, 14.2831, 20.6891



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.



55.4703, 30.4512, 74.9059



55.6375, 28.1408, 74.2876



46.2777, 26.7741, 26.4985



17.8864, 17.4819, 21.2577



27.5457, 13.4340, 35.9116



2.5782, 1.2550, 3.4682

Inverse Universe

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



55.4703, 30.4512, 74.9059



55.6375, 28.1408, 74.2876



45.5884, 73.2418, 57.4881



17.8864, 17.4819, 21.2577



27.5457, 13.4340, 35.9116



2.5782, 1.2550, 3.4682

Previews

White Background



This preview shows how the XYZ color 55.4692, 30.4497, 74.9053 looks on a white background.

Color Contrast Check

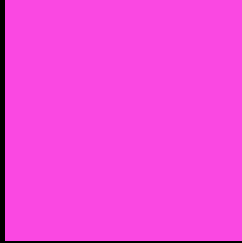
Large Text (above 18pt) WCAG AA × Fail

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 55.4692, 30.4497, 74.9053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

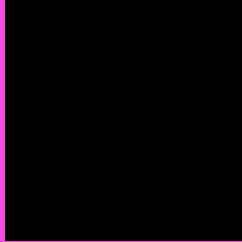
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4692, 30.4497, 74.9053

Background



This preview shows how black text looks on a background with the XYZ color 55.4692, 30.4497, 74.9053.



This preview shows how white text looks on a background with the XYZ color 55.4692, 30.4497,

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

55.4692, 30.4497, 74.9053

Protanopia

33.9632, 30.9122, 98.7843

Deuteranopia

31.4706, 30.7612, 68.5688



Tritanopia

44.0537, 30.3137, 19.7489

Trichromacy



Original Color

55.4692, 30.4497, 74.9053



Protanomaly

36.7559, 27.0325, 88.8685



Deuteranomaly

36.2011, 27.3353, 70.3861



Tritanomaly

46.9708, 29.6057, 34.2492

Monochromacy



Original Color

55.4692, 30.4497, 74.9053



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

33.1955, 25.6848, 42.7432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4692, 30.4497, 74.9053 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(250, 72, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 72, 226)  
}
```

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(250, 72, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 72, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.4692, 30.4497, 74.9053 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(250, 72, 226) }
```


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

```
.border{ border-color:rgb(250, 72, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 72, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 72, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 72, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 72,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4692, 30.4497, 74.9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 72, 226) }
```

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

```
.background{ background-color: rgb(250, 72,  
226) }
```

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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