

Converting Colors

XYZ(55.3094, 35.8085, 48.5168)

Have a look what the booklet for
XYZ(55.3094, 35.8085, 48.5168)
contains.

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Color

**XYZ(55.2594, 35.7893,
48.2515)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EB6
RGB	255, 110, 182
RGB Percent	100%, 43%, 71%
CMY	0.0000, 0.5686, 0.2863
CMYK	0.00, 0.57, 0.29, 0.00
HSL	330°, 100%, 72%
HSV	330°, 57%, 100%
XYZ	55.2594, 35.7893, 48.2515
YIQ	161.5630, 63.3080, 53.1320

Conversions

Conversions Part 2

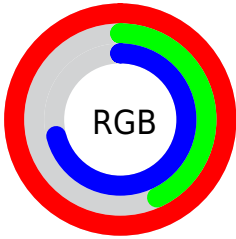
Format	Color
R _Y B	255, 110, 182
Decimal	16740022
CIE Lab	66.36, 62.32, -10.48
CIE LCh	66, 63.192, 350.451
Yxy	35.7893, 0.3967, 0.2569
Android (android.graphics.Color)	4294930102 (0xFFFF6EB6)
YUV	161.5630, 10.0754, 81.9442
Hunter-Lab	59.8242, 60.1876, -5.9438

Details

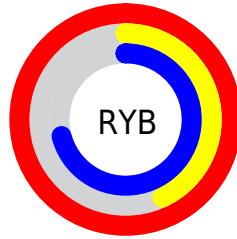
The XYZ color **55.2594, 35.7893, 48.2515** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.7395, 78.2548, 57.2344**, and the grayscale version is **34.0736, 35.8481, 39.0386**.

A 20% lighter version of the original color is **70.4913, 55.0705, 87.8033**, and **27.6520, 15.5547, 22.3138** is the 20% darker color. If you saturate the color by 10%, you get **51.6266, 30.5505, 40.7918**, and if you desaturate by 10%, it is **59.8072, 42.6630, 56.6171**.

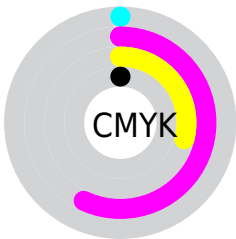
Distribution



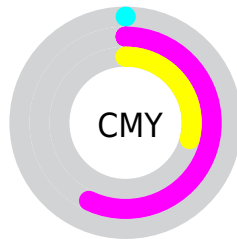
- Red (100%)
- Green (43%)
- Blue (71%)



- Red (100%)
- Yellow (43%)
- Blue (71%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2594, 35.7893, 48.2515 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 55.2594, 35.7893, 48.2515 by changing the saturation by 10% instead.

 55.2594, 35.7893,
48.2515


 55.2594, 35.7893,
48.2515

397.0149,
328.0387, 396.3256

 39.8441, 24.2715,
33.6647


 97.0670, 68.7067,
88.9482

 27.6007, 15.5352,
22.3609


 124.1901, 90.8752,
115.8951

 18.1638, 9.1958,
13.9214


 155.9464,
117.3626, 147.7992

 11.1680, 4.8691,
7.9279

192.7014,
148.5534, 185.0790

 6.2481, 2.1707,
3.9617

234.8204,
184.8321, 228.1530

 3.0386, 0.7039,
1.6044

282.6687,

 1.1742, 0.0000,

226.5829, 277.4397

0.2939

336.6118,
274.1903, 333.3577

■ 0.0859, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2594, 35.7893,
48.2515

■ 55.2594, 35.7893,
48.2515

■ 51.6266, 30.5505,
40.7918

■ 59.8072, 42.6630,
56.6171

■ 48.8326, 26.8001,
34.1955

■ 65.3319, 51.2909,
65.9236

■ 46.7928, 24.3741,
28.4181

■ 71.8930, 61.7871,
76.2062

■ 45.3997, 23.0630,
23.4061

■ 79.5443, 74.2547,
87.4970

■ 45.0457, 22.7823,
21.9704

■ 88.3359, 88.7889,
99.8267

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.



50.0346, 35.7893, 82.3680



55.2594, 35.7893, 48.2515



54.0341, 35.7893, 23.4703

Triad

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



55.2594, 35.7893, 48.2515



28.0559, 35.7893, 7.7230



23.7114, 35.7893, 94.4246

Complementary

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



55.2594, 35.7893, 48.2515



50.7395, 78.2548, 57.2344

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.



19.6769, 35.7893, 60.1199



55.2594, 35.7893, 48.2515



21.8440, 35.7893, 14.3422

Square

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



55.2594, 35.7893, 48.2515



37.1200, 35.7893, 6.8855



19.0633, 35.7893, 30.9596



31.0913, 35.7893, 116.0819

Rectangle

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



55.2594, 35.7893, 48.2515



49.7970, 35.7893, 14.0222



19.0633, 35.7893, 30.9596



21.9812, 35.7893, 83.4064

Sweetspot

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



55.2604, 35.7911, 48.2522



79.4290, 74.0653, 87.3312



43.0375, 28.3803, 97.8174



16.6535, 15.2833, 18.1899



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.



55.2604, 35.7911, 48.2522



51.2670, 30.0503, 39.9966



49.6318, 33.5396, 18.6122



18.3855, 18.1375, 20.6470



23.6126, 11.9343, 11.8762



2.3542, 1.1840, 1.4464

Inverse Universe

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



55.2604, 35.7911, 48.2522



51.2670, 30.0503, 39.9966



60.2414, 82.0555, 107.2710



18.3855, 18.1375, 20.6470



23.6126, 11.9343, 11.8762



2.3542, 1.1840, 1.4464

Previews

White Background



This preview shows how the XYZ color 55.2594, 35.7893, 48.2515 looks on a white background.

Color Contrast Check

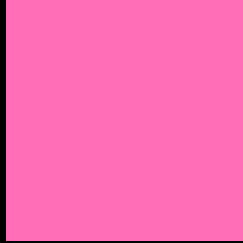
Large Text (above 18pt) WCAG AA × Fail

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 55.2594, 35.7893, 48.2515 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 55.2594, 35.7893, 48.2515

Background



This preview shows how black text looks on a background with the XYZ color 55.2594, 35.7893, 48.2515.



This preview shows how white text looks on a background with the XYZ color 55.2594, 35.7893,

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

55.2594, 35.7893, 48.2515

Protanopia

36.8195, 36.2105, 70.0145

Deuteranopia

36.5894, 35.8670, 45.5520



Tritanopia

50.2910, 35.6104, 25.3420

Trichromacy



Original Color

55.2594, 35.7893, 48.2515



Protanomaly

40.8218, 34.1447, 61.5658



Deuteranomaly

41.7711, 34.5271, 46.5823



Tritanomaly

51.9310, 35.5880, 32.5659

Monochromacy



Original Color

55.2594, 35.7893, 48.2515



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

39.7488, 34.2453, 42.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2594, 35.7893, 48.2515 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, 110, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 182)  
}
```

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, 110, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.2594, 35.7893, 48.2515 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, 110, 182) }
```


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

```
.border{ border-color:rgb(255, 110, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2594, 35.7893, 48.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 182) }
```

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

```
.background{ background-color: rgb(255,  
110, 182) }
```

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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