

Converting Colors

XYZ(50.7255, 35.3464, 39.2710)

Have a look what the booklet for
XYZ(50.7255, 35.3464, 39.2710)
contains.

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Color

**XYZ(50.7255, 35.3464,
39.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	F478A4
RGB	244, 120, 164
RGB Percent	96%, 47%, 64%
CMY	0.0431, 0.5294, 0.3569
CMYK	0.00, 0.51, 0.33, 0.04
HSL	339°, 85%, 71%
HSV	339°, 51%, 96%
XYZ	50.7255, 35.3464, 39.2710
YIQ	162.0920, 59.7800, 39.9720

Conversions

Conversions Part 2

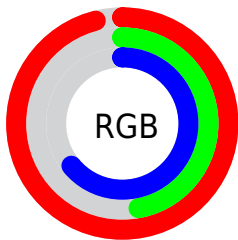
Format	Color
R_{YB}	244, 120, 164
Decimal	16021668
CIE Lab	66.02, 52.05, -0.95
CIE LCh	66, 52.055, 358.949
Yxy	35.3464, 0.4047, 0.2820
Android (android.graphics.Color)	4294211748 (0xFFFF478A4)
YUV	162.0920, 0.9406, 71.8333
Hunter-Lab	59.4528, 48.2547, 2.4535

Details

The XYZ color **50.7255, 35.3464, 39.2710** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.5235, 72.8654, 66.0491**, and the grayscale version is **34.3630, 36.1526, 39.3702**.

A 20% lighter version of the original color is **69.3562, 57.0344, 74.3711**, and **24.8804, 15.3806, 16.9866** is the 20% darker color. If you saturate the color by 10%, you get **46.8211, 29.6737, 31.3841**, and if you desaturate by 10%, it is **55.5554, 42.5881, 48.3354**.

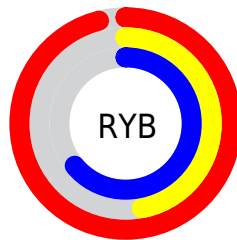
Distribution



Red (96%)

Green (47%)

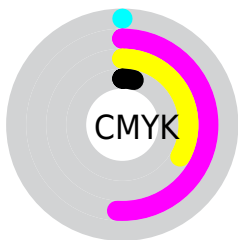
Blue (64%)



Red (96%)

Yellow (47%)

Blue (64%)

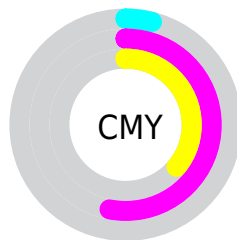


Cyan (0%)

Magenta (51%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (53%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7255, 35.3464, 39.2710 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 50.7255, 35.3464, 39.2710 by changing the saturation by 10% instead.


 50.7255, 35.3464,
39.2710


 50.7255, 35.3464,
39.2710


379.9016,
326.0947, 358.5016


 36.2104, 23.9298,
26.6612


 90.4343, 68.0221,
75.2770

 24.7676, 15.2816,
17.0887


 116.3586, 90.0499,
99.5103

 16.0318, 9.0172,
10.1351


 146.8168,
116.3837, 128.4551

 9.6376, 4.7524,
5.3819

182.1741,
147.4077, 162.5301

 5.2198, 2.1027,
2.4104

222.7958,
183.5065, 202.1536

 2.4129, 0.6662,
0.7921

269.0474,

 0.8515, 0.0000,

225.0643, 247.7444

0.0000

321.2942,
272.4655, 299.7209

■ 0.0000, 0.0000,
0.0000

■ 50.7255, 35.3464,
39.2710

■ 50.7255, 35.3464,
39.2710

■ 46.8211, 29.6737,
31.3841

■ 55.5554, 42.5881,
48.3354

■ 43.7749, 25.4461,
24.6196

■ 61.3658, 51.4996,
58.6246

■ 41.5146, 22.5298,
18.9203


■ 68.2107, 62.1794,
70.1854

■ 39.9534, 20.7628,
14.2215

■ 76.1391, 74.7170,
83.0614

■ 39.0111, 19.9142,
10.7133

■ 85.1971, 89.1956,
97.2941

 91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



47.9811, 35.3464, 64.8349



50.7255, 35.3464, 39.2710



48.3271, 35.3464, 21.3616

Triad

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



50.7255, 35.3464, 39.2710



26.9122, 35.3464, 11.9884



26.5076, 35.3464, 87.5889

Complementary

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



50.7255, 35.3464, 39.2710



50.5235, 72.8654, 66.0491

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.



22.2108, 35.3464, 62.9421



50.7255, 35.3464, 39.2710



22.4180, 35.3464, 20.4626

Square

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



50.7255, 35.3464, 39.2710



33.8686, 35.3464, 9.7127



20.8349, 35.3464, 37.7120



33.3242, 35.3464, 98.5409

Rectangle

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



50.7255, 35.3464, 39.2710



44.3148, 35.3464, 14.5086



20.8349, 35.3464, 37.7120



24.7615, 35.3464, 80.2597

Sweetspot

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



50.7265, 35.3482, 39.2717



80.3166, 76.4882, 85.6303



46.4767, 32.0451, 89.3236



16.7963, 15.7476, 17.6866



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.



50.7265, 35.3482, 39.2717



51.6308, 32.6237, 34.4279



49.5792, 38.3501, 22.5609



16.7420, 16.5796, 18.3879



21.2709, 10.8518, 6.1351



1.9166, 0.9726, 0.7870

Inverse Universe

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



50.7265, 35.3482, 39.2717



51.6308, 32.6237, 34.4279



51.6730, 65.7196, 95.5496



16.7420, 16.5796, 18.3879



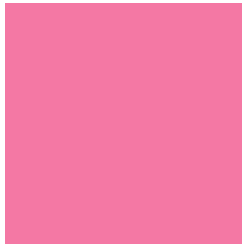
21.2709, 10.8518, 6.1351



1.9166, 0.9726, 0.7870

Previews

White Background



This preview shows how the XYZ color 50.7255, 35.3464, 39.2710 looks on a white background.

Color Contrast Check

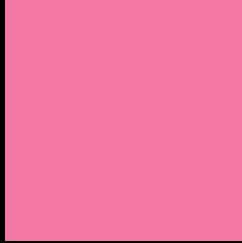
Large Text (above 18pt) WCAG AA × Fail

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 50.7255, 35.3464, 39.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

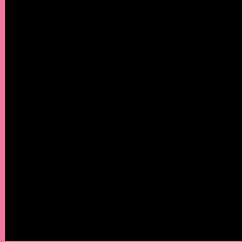
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7255, 35.3464, 39.2710

Background



This preview shows how black text looks on a background with the XYZ color 50.7255, 35.3464, 39.2710.



This preview shows how white text looks on a background with the XYZ color 50.7255, 35.3464,

39.2710.

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

50.7255, 35.3464, 39.2710

Protanopia

35.1655, 35.7410, 52.6222

Deuteranopia

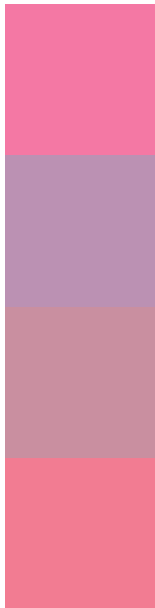
36.1915, 35.5927, 37.3103



Tritanopia

48.1097, 35.3718, 27.2134

Trichromacy



Original Color

50.7255, 35.3464, 39.2710

Protanomaly

38.7556, 34.0703, 47.1814

Deuteranomaly

40.2550, 34.6005, 37.8146

Tritanomaly

49.0139, 35.3679, 31.4375

Monochromacy



Original Color

50.7255, 35.3464, 39.2710

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.7828, 34.7182, 39.3075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7255, 35.3464, 39.2710 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(244, 120, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 120, 164)  
}
```

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(244, 120, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 120, 164) }
```

Border

The CSS property to change the border of an element to XYZ 50.7255, 35.3464, 39.2710 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(244, 120, 164) }
```


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

```
.border{ border-color:rgb(244, 120, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 120, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 120, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 120, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 120,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7255, 35.3464, 39.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 120, 164) }
```

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

```
.background{ background-color: rgb(244,  
120, 164) }
```

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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