

Converting Colors

XYZ(50.7943, 34.3999, 23.5172)

Have a look what the booklet for
XYZ(50.7943, 34.3999, 23.5172)
contains.

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Color

**XYZ(50.7358, 34.3290,
23.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	FF707D
RGB	255, 112, 125
RGB Percent	100%, 44%, 49%
CMY	0.0000, 0.5608, 0.5098
CMYK	0.00, 0.56, 0.51, 0.00
HSL	355°, 100%, 72%
HSV	355°, 56%, 100%
XYZ	50.7358, 34.3290, 23.3541
YIQ	156.2390, 81.0550, 34.3590

Conversions

Conversions Part 2

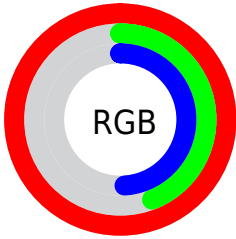
Format	Color
R_{YB}	255, 112, 125
Decimal	16740477
CIE Lab	65.22, 55.50, 20.32
CIE LCh	65, 59.102, 20.109
Yxy	34.3290, 0.4680, 0.3166
Android (android.graphics.Color)	4294930557 (0xFFFF707D)
YUV	156.2390, -15.4008, 86.6134
Hunter-Lab	58.5910, 52.0347, 17.3809

Details

The XYZ color **50.7358, 34.3290, 23.3541** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.4712, 81.3762, 96.6356**, and the grayscale version is **31.7492, 33.4026, 36.3754**.

A 20% lighter version of the original color is **63.1784, 52.4396, 48.3870**, and **24.7110, 14.6876, 8.3701** is the 20% darker color. If you saturate the color by 10%, you get **46.9976, 28.9527, 15.6344**, and if you desaturate by 10%, it is **55.6178, 41.4401, 33.1607**.

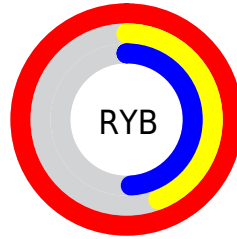
Distribution



Red (100%)

Green (44%)

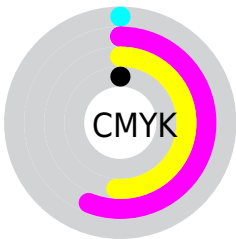
Blue (49%)



Red (100%)

Yellow (44%)

Blue (49%)

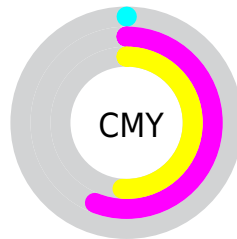


Cyan (0%)

Magenta (56%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7358, 34.3290, 23.3541 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 50.7358, 34.3290, 23.3541 by changing the saturation by 10% instead.


 50.7358, 34.3290,
23.3541

 50.7358, 34.3290,
23.3541


379.9410,
321.5966, 282.7192

 36.2186, 23.1465,
14.6474


 90.4494, 66.4450,
49.9047

 24.7739, 14.7017,
8.4285

 116.3766, 88.1472,
68.5856

 16.0365, 8.6103,
4.2786


 146.8377,
114.1247, 91.4284

 9.6410, 4.4879,
1.7794

182.1982,
144.7620, 118.8516

 5.2220, 1.9500,
0.4143

222.8234,
180.4435, 151.2738

 2.4142, 0.5782,
0.0000

269.0788,

 0.8522, 0.0000,

221.5535, 189.1134

0.0000

321.3295,
268.4764, 232.7890

■ 0.0000, 0.0000,
0.0000

■ 50.7358, 34.3290,
23.3541

■ 50.7358, 34.3290,
23.3541

■ 46.9976, 28.9527,
15.6344

■ 55.6178, 41.4401,
33.1607

■ 44.3070, 25.1575,
9.8483

■ 61.7242, 50.4116,
45.1889

■ 42.5564, 22.7723,
5.8240

■ 69.1314, 61.3638,
59.5641

■ 41.6128, 21.5829,
3.3584

■ 77.9085, 74.4053,
76.4020

■ 41.3962, 21.3224,
2.7534

■ 88.1200, 89.6369,
95.8105

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



51.7651, 34.3290, 46.1109



50.7358, 34.3290, 23.3541



44.4151, 34.3290, 11.5562

Triad

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



50.7358, 34.3290, 23.3541



21.5212, 34.3290, 14.5013



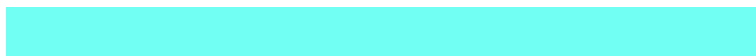
29.8718, 34.3290, 106.0707

Complementary

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



50.7358, 34.3290, 23.3541



58.4712, 81.3762, 96.6356

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.



23.1370, 34.3290, 86.7172



50.7358, 34.3290, 23.3541



18.9069, 34.3290, 29.8245

Square

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



50.7358, 34.3290, 23.3541



27.2706, 34.3290, 8.2236



19.4413, 34.3290, 56.1248



38.6462, 34.3290, 101.7575

Rectangle

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



50.7358, 34.3290, 23.3541



38.5799, 34.3290, 8.2011



19.4413, 34.3290, 56.1248



27.3233, 34.3290, 101.8781

Sweetspot

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



50.7367, 34.3308, 23.3547



77.0376, 73.1088, 74.7384



60.0185, 37.4583, 98.6742



16.0933, 15.0592, 15.2398



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.



50.7367, 34.3308, 23.3547



46.7064, 28.5377, 15.0205



58.3911, 50.8822, 22.0755



18.0764, 18.0139, 19.0194



21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Inverse Universe

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



50.7367, 34.3308, 23.3547



46.7064, 28.5377, 15.0205



44.8822, 50.9635, 102.0787



18.0764, 18.0139, 19.0194



21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 50.7358, 34.3290, 23.3541 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 50.7358, 34.3290, 23.3541 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 50.7358, 34.3290, 23.3541

Background



This preview shows how black text looks on a background with the XYZ color 50.7358, 34.3290, 23.3541.



This preview shows how white text looks on a background with the XYZ color 50.7358, 34.3290,

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

50.7358, 34.3290, 23.3541

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

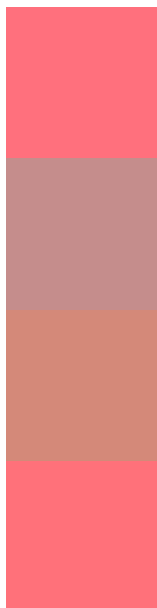
34.9918, 34.3293, 21.9215



Tritanopia

50.5353, 34.4263, 21.7507

Trichromacy



Original Color

50.7358, 34.3290, 23.3541

Protanomaly

37.2845, 32.8135, 29.1795

Deuteranomaly

39.5482, 33.2688, 22.4263

Tritanomaly

50.6580, 34.4754, 22.3968

Monochromacy



Original Color

50.7358, 34.3290, 23.3541

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.2271, 32.0070, 31.0566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7358, 34.3290, 23.3541 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, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 125)  
}
```

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, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 125) }
```

Border

The CSS property to change the border of an element to XYZ 50.7358, 34.3290, 23.3541 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, 112, 125) }
```


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

```
.border{ border-color:rgb(255, 112, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7358, 34.3290, 23.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 125) }
```

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

```
.background{ background-color: rgb(255,  
112, 125) }
```

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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