

Converting Colors

XYZ(50.6799, 34.3420, 22.9507)

Have a look what the booklet for
XYZ(50.6799, 34.3420, 22.9507)
contains.

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Color

**XYZ(50.6723, 34.3036,
23.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	FF707C
RGB	255, 112, 124
RGB Percent	100%, 44%, 49%
CMY	0.0000, 0.5608, 0.5137
CMYK	0.00, 0.56, 0.51, 0.00
HSL	355°, 100%, 72%
HSV	355°, 56%, 100%
XYZ	50.6723, 34.3036, 23.0193
YIQ	156.1250, 81.3760, 34.0480

Conversions

Conversions Part 2

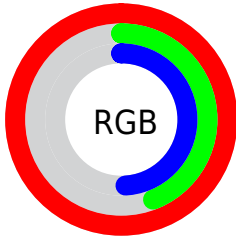
Format	Color
R_{YB}	255, 112, 124
Decimal	16740476
CIE Lab	65.20, 55.42, 20.86
CIE LCh	65, 59.212, 20.628
Yxy	34.3036, 0.4692, 0.3176
Android (android.graphics.Color)	4294930556 (0xFFFF707C)
YUV	156.1250, -15.8376, 86.7134
Hunter-Lab	58.5693, 51.9364, 17.6959

Details

The XYZ color **50.6723, 34.3036, 23.0193** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.6219, 81.4366, 97.4291**, and the grayscale version is **31.7000, 33.3509, 36.3191**.

A 20% lighter version of the original color is **63.0791, 52.3999, 47.8638**, and **24.6765, 14.6738, 8.1883** is the 20% darker color. If you saturate the color by 10%, you get **46.9398, 28.9296, 15.3295**, and if you desaturate by 10%, it is **55.5530, 41.4142, 32.8188**.

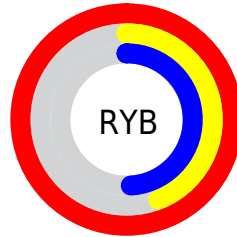
Distribution



Red (100%)

Green (44%)

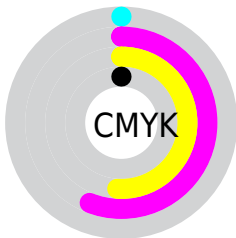
Blue (49%)



Red (100%)

Yellow (44%)

Blue (49%)

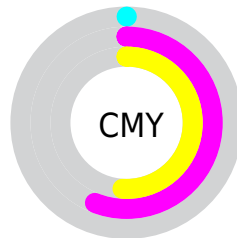


Cyan (0%)

Magenta (56%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6723, 34.3036, 23.0193 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 50.6723, 34.3036, 23.0193 by changing the saturation by 10% instead.


 50.6723, 34.3036,
23.0193


 50.6723, 34.3036,
23.0193


379.6979,
321.4837, 280.9492


 36.1679, 23.1269,
14.4023


 90.3561, 66.4055,
49.3486

 24.7346, 14.6873,
8.2591


 116.2661, 88.0995,
67.8980

 16.0071, 8.6002,
4.1710

 146.7087,
114.0682, 90.5953

 9.6201, 4.4813,
1.7196

182.0493,
144.6957, 117.8591

 5.2081, 1.9463,
0.3741

222.6531,
180.3667, 150.1078

 2.4059, 0.5760,
0.0000

268.8856,

 0.8480, 0.0000,

221.4654, 187.7601

0.0000

321.1121,
268.3763, 231.2343

■ 0.0000, 0.0000,
0.0000

■ 50.6723, 34.3036,
23.0193

■ 50.6723, 34.3036,
23.0193

■ 46.9398, 28.9296,
15.3295

■ 55.5530, 41.4142,
32.8188

■ 44.2585, 25.1381,
9.5922

■ 61.6630, 50.3871,
44.8658

■ 42.5199, 22.7577,
5.6314

■ 69.0791, 61.3429,
59.2885

■ 41.5900, 21.5738,
3.2379

■ 77.8711, 74.3904,
76.2050

■ 41.3789, 21.3155,
2.6618

■ 88.1039, 89.6305,
95.7254

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



51.8077, 34.3036, 45.6118



50.6723, 34.3036, 23.0193



44.2682, 34.3036, 11.3882

Triad

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



50.6723, 34.3036, 23.0193



21.4127, 34.3036, 14.6326



29.9835, 34.3036, 106.3338

Complementary

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



50.6723, 34.3036, 23.0193



58.6219, 81.4366, 97.4291

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.



23.1939, 34.3036, 87.2684



50.6723, 34.3036, 23.0193



18.8516, 34.3036, 30.1528

Square

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



50.6723, 34.3036, 23.0193



27.1155, 34.3036, 8.2378



19.4406, 34.3036, 56.6575



38.7885, 34.3036, 101.5742

Rectangle

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



50.6723, 34.3036, 23.0193



38.4071, 34.3036, 8.1087



19.4406, 34.3036, 56.6575



27.4180, 34.3036, 102.2680

Sweetspot

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



50.6732, 34.3054, 23.0199



76.9986, 73.0932, 74.5327



60.0186, 37.4584, 98.6744



16.0842, 15.0556, 15.1919



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.



50.6732, 34.3054, 23.0199



46.6493, 28.5149, 14.7193



58.3912, 50.8823, 22.0755



18.0712, 18.0118, 18.9921



21.6426, 11.1463, 1.5025



2.1274, 1.0933, 0.2524

Inverse Universe

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



50.6732, 34.3054, 23.0199



46.6493, 28.5149, 14.7193



44.8823, 50.9636, 102.0789



18.0712, 18.0118, 18.9921



21.6426, 11.1463, 1.5025



2.1274, 1.0933, 0.2524

Previews

White Background



This preview shows how the XYZ color 50.6723, 34.3036, 23.0193 looks on a white background.

Color Contrast Check

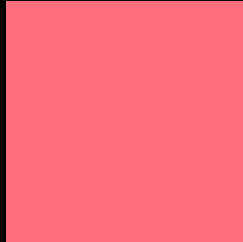
Large Text (above 18pt) WCAG AA × Fail

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 50.6723, 34.3036, 23.0193 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 50.6723, 34.3036, 23.0193

Background



This preview shows how black text looks on a background with the XYZ color 50.6723, 34.3036, 23.0193.



This preview shows how white text looks on a background with the XYZ color 50.6723, 34.3036,

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

50.6723, 34.3036, 23.0193

Protanopia

32.7250, 34.4216, 32.1134

Deuteranopia

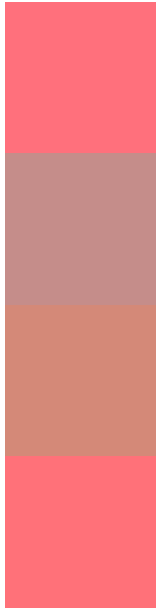
34.9326, 34.3056, 21.6101



Tritanopia

50.5353, 34.4263, 21.7507

Trichromacy



Original Color

50.6723, 34.3036, 23.0193

Protanomaly

37.1383, 32.7550, 28.4097

Deuteranomaly

39.4872, 33.2444, 22.1049

Tritanomaly

50.5963, 34.4507, 22.0721

Monochromacy



Original Color

50.6723, 34.3036, 23.0193

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.1504, 31.9763, 30.6523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6723, 34.3036, 23.0193 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.6723, 34.3036, 23.0193 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, 124) }
```


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

```
.border{ border-color:rgb(255, 112, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6723, 34.3036, 23.0193 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, 124) }
```

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

```
.background{ background-color: rgb(255,  
112, 124) }
```

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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