

Converting Colors

XYZ(55.0792, 35.8793, 24.9157)

Have a look what the booklet for
XYZ(55.0792, 35.8793, 24.9157)
contains.

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Color

**XYZ(50.5650, 33.5701,
24.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6C81
RGB	255, 108, 129
RGB Percent	100%, 42%, 51%
CMY	0.0000, 0.5764, 0.4941
CMYK	0.00, 0.58, 0.49, 0.00
HSL	351°, 100%, 71%
HSV	351°, 58%, 100%
XYZ	50.5650, 33.5701, 24.5835
YIQ	154.3470, 80.8710, 37.6950

Conversions

Conversions Part 2

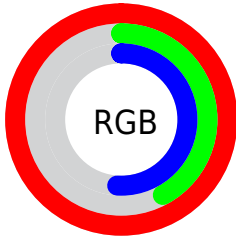
Format	Color
R_{YB}	255, 108, 129
Decimal	16739457
CIE Lab	64.62, 57.64, 17.22
CIE LCh	65, 60.158, 16.629
Yxy	33.5701, 0.4651, 0.3088
Android (android.graphics.Color)	4294929537 (0xFFFF6C81)
YUV	154.3470, -12.4961, 88.2727
Hunter-Lab	57.9397, 54.3856, 15.4014

Details

The XYZ color **50.5650, 33.5701, 24.5835** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.7977, 80.6494, 90.4210**, and the grayscale version is **30.8972, 32.5063, 35.3993**.

A 20% lighter version of the original color is **62.9590, 51.1883, 50.8180**, and **24.5809, 14.1978, 9.0343** is the 20% darker color. If you saturate the color by 10%, you get **46.9570, 28.4361, 16.9631**, and if you desaturate by 10%, it is **55.2717, 40.4044, 34.1039**.

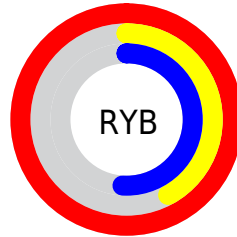
Distribution



Red (100%)

Green (42%)

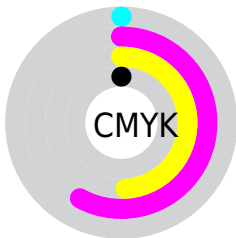
Blue (51%)



Red (100%)

Yellow (42%)

Blue (51%)

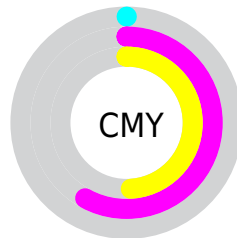


Cyan (0%)

Magenta (58%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5650, 33.5701, 24.5835 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 50.5650, 33.5701, 24.5835 by changing the saturation by 10% instead.


 50.5650, 33.5701,
24.5835


 50.5650, 33.5701,
24.5835


379.2869,
318.2109, 289.1383

 36.0822, 22.5635,
15.5508


 90.1983, 65.2646,
51.9364


 24.6681, 14.2716,
9.0560


 116.0794, 86.7213,
71.0938

 15.9573, 8.3098,
4.6804


 146.4907,
112.4302, 94.4631

 9.5846, 4.2938,
2.0056

 181.7975,
142.7756, 122.4630

 5.1846, 1.8392,
0.5587

222.3652,
178.1420, 155.5119

 2.3918, 0.5115,
0.0000

268.5591,

 0.8410, 0.0000,

218.9137, 194.0284

0.0000

320.7445,
265.4752, 238.4310

■ 0.0000, 0.0000,
0.0000

■ 50.5650, 33.5701,
24.5835

■ 50.5650, 33.5701,
24.5835

■ 46.9570, 28.4361,
16.9631

■ 55.2717, 40.4044,
34.1039

■ 44.3544, 24.8475,
11.1120

■ 61.1550, 49.0654,
45.6393

■ 42.6524, 22.6304,
6.8854

■ 68.2886, 59.6736,
59.2975

■ 41.7153, 21.5545,
4.1119

■ 76.7394, 72.3377,
75.1782

■ 41.5647, 21.3899,
3.6406

■ 86.5696, 87.1585,
93.3747

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.



50.8971, 33.5701, 48.6625



50.5650, 33.5701, 24.5835



44.6937, 33.5701, 11.7688

Triad

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



50.5650, 33.5701, 24.5835



21.3137, 33.5701, 12.6879



28.2265, 33.5701, 104.8943

Complementary

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



50.5650, 33.5701, 24.5835



56.7977, 80.6494, 90.4210

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.



21.8268, 33.5701, 83.0425



50.5650, 33.5701, 24.5835



18.3483, 33.5701, 26.6388

Square

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



50.5650, 33.5701, 24.5835



27.3962, 33.5701, 7.3293



18.5174, 33.5701, 51.8849



36.8884, 33.5701, 103.4905

Rectangle

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



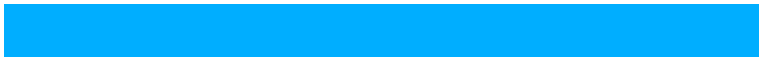
50.5650, 33.5701, 24.5835



38.9427, 33.5701, 8.0029



18.5174, 33.5701, 51.8849



25.7749, 33.5701, 99.7167

Sweetspot

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



50.5659, 33.5719, 24.5841



77.3302, 73.2258, 76.2788



57.0017, 35.2623, 98.4094



16.1613, 15.0864, 15.5984



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.



50.5659, 33.5719, 24.5841



46.5473, 27.8623, 16.0687



56.4237, 47.2961, 20.3450



18.1150, 18.0293, 19.2229



21.7503, 11.1894, 2.0694



2.1480, 1.1016, 0.3609

Inverse Universe

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



50.5659, 33.5719, 24.5841



46.5473, 27.8623, 16.0687



45.7221, 53.3821, 102.5014



18.1150, 18.0293, 19.2229



21.7503, 11.1894, 2.0694



2.1480, 1.1016, 0.3609

Previews

White Background



This preview shows how the XYZ color 50.5650, 33.5701, 24.5835 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 50.5650, 33.5701, 24.5835 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 50.5650, 33.5701, 24.5835

Background



This preview shows how black text looks on a background with the XYZ color 50.5650, 33.5701, 24.5835.



This preview shows how white text looks on a background with the XYZ color 50.5650, 33.5701,

24.5835.

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

50.5650, 33.5701, 24.5835

Protanopia

32.4191, 33.6871, 35.3654

Deuteranopia

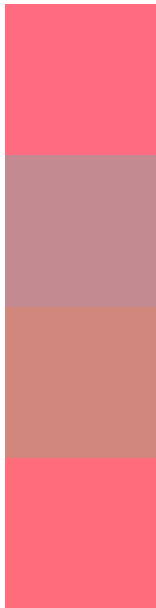
34.3466, 33.7287, 23.1124



Tritanopia

49.6599, 33.5070, 20.6798

Trichromacy



Original Color

50.5650, 33.5701, 24.5835

Protanomaly

36.8491, 32.1117, 31.0441

Deuteranomaly

38.9440, 32.5103, 23.6246

Tritanomaly

49.7929, 33.3886, 21.9094

Monochromacy



Original Color

50.5650, 33.5701, 24.5835

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.5424, 31.0120, 30.9007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5650, 33.5701, 24.5835 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, 108, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 129)  
}
```

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, 108, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 129) }
```

Border

The CSS property to change the border of an element to XYZ 50.5650, 33.5701, 24.5835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

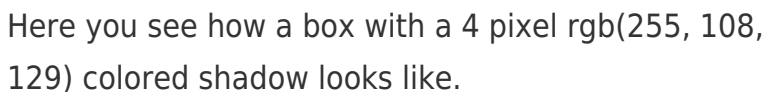
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 108, 129) }
```


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

```
.border{ border-color:rgb(255, 108, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 108, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 108, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 108, 129); box-shadow:4px 4px 4px 4px rgb(255, 108, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5650, 33.5701, 24.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 129) }
```

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

```
.background{ background-color: rgb(255,  
108, 129) }
```

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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