

Converting Colors

XYZ(51.1978, 34.5131, 25.7888)

Have a look what the booklet for
XYZ(51.1978, 34.5131, 25.7888)
contains.

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Color

**XYZ(51.1990, 34.5143,
25.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7084
RGB	255, 112, 132
RGB Percent	100%, 44%, 52%
CMY	0.0000, 0.5608, 0.4824
CMYK	0.00, 0.56, 0.48, 0.00
HSL	352°, 100%, 72%
HSV	352°, 56%, 100%
XYZ	51.1990, 34.5143, 25.7932
YIQ	157.0370, 78.8080, 36.5360

Conversions

Conversions Part 2

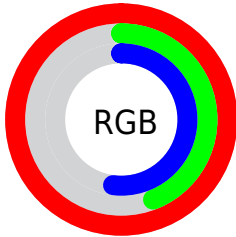
Format	Color
R_{YB}	255, 112, 132
Decimal	16740484
CIE _{Lab}	65.37, 56.10, 16.54
CIE _{LCh}	65, 58.488, 16.428
Yxy	34.5143, 0.4592, 0.3095
Android (android.graphics.Color)	4294930564 (0xFFFF7084)
YUV	157.0370, -12.3432, 85.9136
Hunter-Lab	58.7489, 52.7503, 15.0934

Details

The XYZ color **51.1990, 34.5143, 25.7932** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.4396, 80.9636, 91.2032**, and the grayscale version is **32.0947, 33.7661, 36.7713**.

A 20% lighter version of the original color is **63.9996, 52.7680, 52.7110**, and **24.9678, 14.7903, 9.7225** is the 20% darker color. If you saturate the color by 10%, you get **47.4265, 29.1243, 17.8926**, and if you desaturate by 10%, it is **56.0853, 41.6271, 35.6225**.

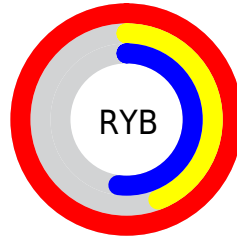
Distribution



Red (100%)

Green (44%)

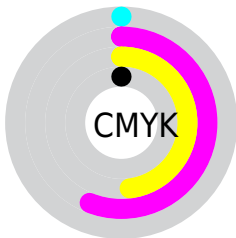
Blue (52%)



Red (100%)

Yellow (44%)

Blue (52%)

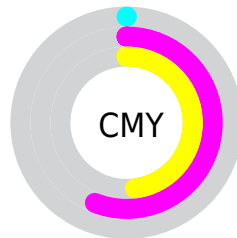


Cyan (0%)

Magenta (56%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1990, 34.5143, 25.7932 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 51.1990, 34.5143, 25.7932 by changing the saturation by 10% instead.


 51.1990, 34.5143,
25.7932


 51.1990, 34.5143,
25.7932

381.7114,
322.4193, 295.3385

 36.5887, 23.2890,
16.4446


 91.1301, 66.7327,
53.9211

 25.0614, 14.8070,
9.6816


 117.1816, 88.4945,
73.5375

 16.2518, 8.6841,
5.0855

 147.7776,
114.5372, 97.4137

 9.7945, 4.5357,
2.2379

183.2833,
145.2454, 125.9680

 5.3241, 1.9775,
0.6961

224.0642,
181.0032, 159.6191

 2.4754, 0.5944,
0.0000

270.4856,

 0.8828, 0.0000,

222.1952, 198.7856

0.0000

322.9129,
269.2058, 243.8859

■ 0.0000, 0.0000,
0.0000

■ 51.1990, 34.5143,
25.7932

■ 51.1990, 34.5143,
25.7932

■ 47.4265, 29.1243,
17.8926

■ 56.0853, 41.6271,
35.6225

■ 44.6759, 25.3051,
11.7907

■ 62.1622, 50.5868,
47.4949

■ 42.8451, 22.8878,
7.3443

■ 69.5025, 61.5123,
61.5181

■ 41.8080, 21.6610,
4.3862

■ 78.1724, 74.5109,
77.7914

■ 41.5530, 21.3852,
3.5790

■ 88.2336, 89.6823,
96.4082

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.



51.4844, 34.5143, 49.7246



51.1990, 34.5143, 25.7932



45.4671, 34.5143, 12.7769

Triad

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



51.1990, 34.5143, 25.7932



22.2930, 34.5143, 13.6009



29.1022, 34.5143, 104.2882

Complementary

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



51.1990, 34.5143, 25.7932



57.4396, 80.9636, 91.2032

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.



22.7431, 34.5143, 82.9555



51.1990, 34.5143, 25.7932



19.2976, 34.5143, 27.5941

Square

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



51.1990, 34.5143, 25.7932



28.3788, 34.5143, 8.1218



19.4466, 34.5143, 52.5018



37.6686, 34.5143, 103.0955

Rectangle

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



51.1990, 34.5143, 25.7932



39.8154, 34.5143, 8.8648



19.4466, 34.5143, 52.5018



26.6696, 34.5143, 99.2195

Sweetspot

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



51.1999, 34.5161, 25.7938



77.3132, 73.2190, 76.1893



57.6295, 36.2267, 98.5624



16.1574, 15.0848, 15.5775



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.



51.1999, 34.5161, 25.7938



47.1307, 28.7075, 17.2547



57.0951, 48.2902, 21.6435



18.1128, 18.0284, 19.2111



21.7436, 11.1867, 2.0344



2.1470, 1.1012, 0.3553

Inverse Universe

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



51.1999, 34.5161, 25.7938



47.1307, 28.7075, 17.2547



46.5532, 54.3053, 102.6357



18.1128, 18.0284, 19.2111



21.7436, 11.1867, 2.0344



2.1470, 1.1012, 0.3553

Previews

White Background



This preview shows how the XYZ color 51.1990, 34.5143, 25.7932 looks on a white background.

Color Contrast Check

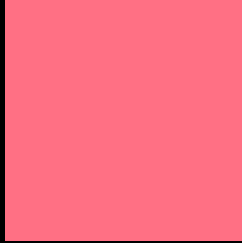
Large Text (above 18pt) WCAG AA × Fail

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 51.1990, 34.5143, 25.7932 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 51.1990, 34.5143, 25.7932

Background



This preview shows how black text looks on a background with the XYZ color 51.1990, 34.5143, 25.7932.



This preview shows how white text looks on a background with the XYZ color 51.1990, 34.5143,

25.7932.

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

51.1990, 34.5143, 25.7932

Protanopia

33.3319, 34.6405, 36.3820

Deuteranopia

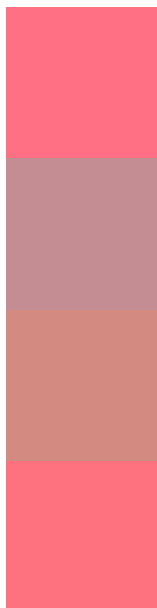
35.3426, 34.7022, 24.2375



Tritanopia

50.4032, 34.5106, 22.4170

Trichromacy



Original Color

51.1990, 34.5143, 25.7932

Protanomaly

37.5563, 32.8921, 31.9731

Deuteranomaly

39.8487, 33.5844, 24.8042

Tritanomaly

50.5441, 34.3874, 23.7121

Monochromacy



Original Color

51.1990, 34.5143, 25.7932

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.8625, 32.5253, 32.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1990, 34.5143, 25.7932 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 132) }
```

Border

The CSS property to change the border of an element to XYZ 51.1990, 34.5143, 25.7932 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, 132) }
```


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

```
.border{ border-color:rgb(255, 112, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1990, 34.5143, 25.7932 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, 132) }
```

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

```
.background{ background-color: rgb(255,  
112, 132) }
```

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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