

Converting Colors

XYZ(51.4281, 33.5817, 30.1569)

Have a look what the booklet for
XYZ(51.4281, 33.5817, 30.1569)
contains.

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Color

**XYZ(51.4281, 33.5817,
30.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A90
RGB	255, 106, 144
RGB Percent	100%, 42%, 56%
CMY	0.0000, 0.5843, 0.4353
CMYK	0.00, 0.58, 0.44, 0.00
HSL	345°, 100%, 71%
HSV	345°, 58%, 100%
XYZ	51.4281, 33.5817, 30.1569
YIQ	154.8830, 76.6060, 43.4060

Conversions

Conversions Part 2

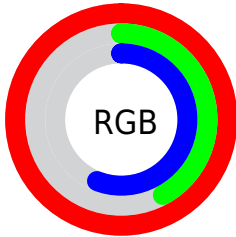
Format	Color
R_{YB}	255, 106, 144
Decimal	16738960
CIE _{Lab}	64.63, 59.89, 8.65
CIE _{LCh}	65, 60.516, 8.215
Yxy	33.5817, 0.4466, 0.2916
Android (android.graphics.Color)	4294929040 (0xFFFF6A90)
YUV	154.8830, -5.3653, 87.8026
Hunter-Lab	57.9497, 56.9997, 9.7104

Details

The XYZ color **51.4281, 33.5817, 30.1569** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.2303, 79.5948, 78.1562**, and the grayscale version is **31.1046, 32.7244, 35.6369**.

A 20% lighter version of the original color is **64.3534, 51.1779, 59.9126**, and **25.2850, 14.3105, 12.0192** is the 20% darker color. If you saturate the color by 10%, you get **47.8479, 28.5528, 22.3924**, and if you desaturate by 10%, it is **56.0355, 40.2739, 39.4698**.

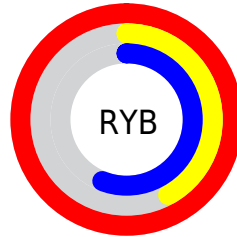
Distribution



Red (100%)

Green (42%)

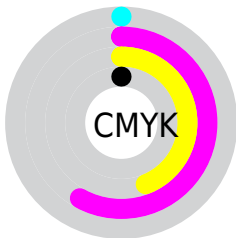
Blue (56%)



Red (100%)

Yellow (42%)

Blue (56%)

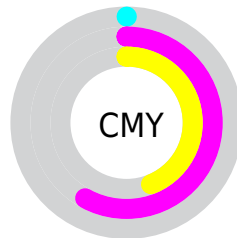


Cyan (0%)

Magenta (58%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (58%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4281, 33.5817, 30.1569 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 51.4281, 33.5817, 30.1569 by changing the saturation by 10% instead.

 51.4281, 33.5817,
30.1569


 51.4281, 33.5817,
30.1569


382.5851,
318.2628, 316.8652


 36.7719, 22.5724,
19.7046


 91.4665, 65.2826,
60.9742


 25.2038, 14.2781,
11.9986


 117.5793, 86.7431,
82.1762

 16.3585, 8.3144,
6.6202

 148.2418,
112.4561, 107.7987

 9.8706, 4.2967,
3.1509

 183.8191,
142.8060, 138.2600

 5.3749, 1.8409,
1.1722

224.6768,
178.1773, 173.9788

 2.5058, 0.5125,
0.0000

271.1801,

 0.8982, 0.0000,

218.9542, 215.3735

0.0000

323.6944,
265.5213, 262.8628

■ 0.0000, 0.0000,
0.0000

■ 51.4281, 33.5817,
30.1569

■ 51.4281, 33.5817,
30.1569

■ 47.8479, 28.5528,
22.3924

■ 56.0355, 40.2739,
39.4698

■ 45.2084, 25.0339,
16.0864

■ 61.7415, 48.7541,
50.4101

■ 43.4125, 22.8521,
11.1413

■ 68.6141, 59.1414,
63.0535

■ 42.3272, 21.7645,
7.4405

■ 76.7151, 71.5428,
77.4699

■ 42.1948, 21.6419,
6.9580

■ 86.1014, 86.0576,
93.7255

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.0395, 33.5817, 57.3033



51.4281, 33.5817, 30.1569



46.8925, 33.5817, 14.2656

Triad

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



51.4281, 33.5817, 30.1569



22.6750, 33.5817, 10.4159



26.1219, 33.5817, 101.2452

Complementary

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



51.4281, 33.5817, 30.1569



54.2303, 79.5948, 78.1562

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.



20.5287, 33.5817, 74.7739



51.4281, 33.5817, 30.1569



18.8042, 33.5817, 21.5521

Square

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



51.4281, 33.5817, 30.1569



29.5946, 33.5817, 6.7414



18.0967, 33.5817, 43.8215



34.3607, 33.5817, 107.1130

Rectangle

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



51.4281, 33.5817, 30.1569



41.5308, 33.5817, 9.1415



18.0967, 33.5817, 43.8215



23.9169, 33.5817, 94.0276

Sweetspot

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



51.4290, 33.5835, 30.1575



77.0901, 72.1200, 78.1274



51.3083, 32.0177, 98.0834



15.9646, 14.6129, 15.7797



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.



51.4290, 33.5835, 30.1575



47.3729, 27.9036, 21.3068



53.3334, 41.2837, 18.7956



18.1994, 18.0631, 19.6672



22.0983, 11.3286, 3.9020



2.1936, 1.1198, 0.6008

Inverse Universe

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



51.4290, 33.5835, 30.1575



47.3729, 27.9036, 21.3068



49.6499, 61.5947, 103.8798



18.1994, 18.0631, 19.6672



22.0983, 11.3286, 3.9020



2.1936, 1.1198, 0.6008

Previews

White Background



This preview shows how the XYZ color 51.4281, 33.5817, 30.1569 looks on a white background.

Color Contrast Check

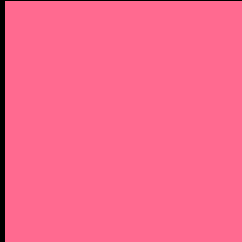
Large Text (above 18pt) WCAG AA × Fail

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 51.4281, 33.5817, 30.1569 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 51.4281, 33.5817, 30.1569

Background



This preview shows how black text looks on a background with the XYZ color 51.4281, 33.5817, 30.1569.



This preview shows how white text looks on a background with the XYZ color 51.4281, 33.5817,

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

51.4281, 33.5817, 30.1569

Protanopia

33.0452, 33.8234, 43.8166

Deuteranopia

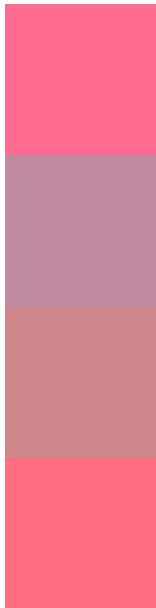
34.1724, 33.5231, 28.3364



Tritanopia

49.4625, 33.5595, 21.0102

Trichromacy



Original Color

51.4281, 33.5817, 30.1569

Protanomaly

37.3483, 31.9921, 38.3890

Deuteranomaly

39.1297, 32.4868, 29.0192

Tritanomaly

50.1725, 33.5404, 23.9082

Monochromacy



Original Color

51.4281, 33.5817, 30.1569

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.0174, 31.2021, 33.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4281, 33.5817, 30.1569 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, 106, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 144)  
}
```

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, 106, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.4281, 33.5817, 30.1569 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, 106, 144) }
```


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

```
.border{ border-color:rgb(255, 106, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4281, 33.5817, 30.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 144) }
```

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

```
.background{ background-color: rgb(255,  
106, 144) }
```

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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