

Converting Colors

XYZ(59.1789, 33.7110, 38.7910)

Have a look what the booklet for
XYZ(59.1789, 33.7110, 38.7910)
contains.

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Color

**XYZ(50.6854, 29.2844,
38.5783)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4DA5 |
| RGB | 255, 77, 165 |
| RGB Percent | 100%, 30%, 65% |
| CMY | 0.0000, 0.6980, 0.3529 |
| CMYK | 0.00, 0.70, 0.35, 0.00 |
| HSL | 330°, 100%, 65% |
| HSV | 330°, 70%, 100% |
| XYZ | 50.6854, 29.2844, 38.5783 |
| YIQ | 140.2540, 77.8400, 65.1040 |

Conversions

Conversions Part 2

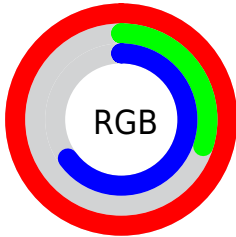
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 255, 77, 165 |
| Decimal | 16731557 |
| CIE Lab | 61.03, 73.43, -8.71 |
| CIE LCh | 61, 73.944, 353.236 |
| Yxy | 29.2844, 0.4276, 0.2470 |
| Android (android.graphics.Color) | 4294921637 (0xFFFF4DA5) |
| YUV | 140.2540, 12.1998, 100.6322 |
| Hunter-Lab | 54.1151, 72.4858, -4.3869 |

Details

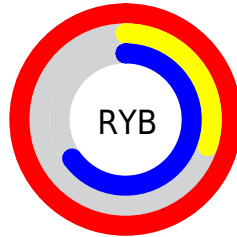
The XYZ color **50.6854, 29.2844, 38.5783** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45.7976, 75.8887, 48.7987**, and the grayscale version is **24.9606, 26.2605, 28.5977**.

A 20% lighter version of the original color is **63.2467, 44.6043, 72.9862**, and **24.9730, 12.5297, 16.7250** is the 20% darker color. If you saturate the color by 10%, you get **48.1225, 25.9431, 32.2226**, and if you desaturate by 10%, it is **54.0671, 34.0737, 45.7912**.

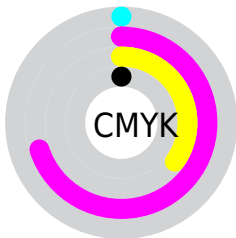
Distribution



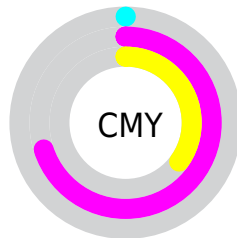
- Red (100%)
- Green (30%)
- Blue (65%)



- Red (100%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6854, 29.2844, 38.5783 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 50.6854, 29.2844, 38.5783 by changing the saturation by 10% instead.

 50.6854, 29.2844,
38.5783


 50.6854, 29.2844,
38.5783


379.7481,
298.5545, 355.4665


 36.1783, 19.2961,
26.1265


 90.3753, 58.5286,
74.2069


 24.7427, 11.8844,
16.6917


 116.2889, 78.5533,
98.2208

 16.0132, 6.6650,
9.8553


 146.7353,
102.6923, 126.9258

 9.6244, 3.2535,
5.1988

 182.0800,
131.3299, 160.7405

 5.2110, 1.2655,
2.3036

222.6883,
164.8505, 200.0833

 2.4076, 0.1142,
0.7332

268.9255,

 0.8489, 0.0000,

203.6385, 245.3729

0.0000

321.1569,
248.0784, 297.0278

■ 0.0000, 0.0000,
0.0000

■ 50.6854, 29.2844,
38.5783

■ 50.6854, 29.2844,
38.5783

■ 48.1225, 25.9431,
32.2226

■ 54.0671, 34.0737,
45.7912

■ 46.2854, 23.8696,
26.6753

■ 58.3414, 40.4536,
53.9016

■ 45.0320, 22.7857,
21.8712

■ 63.5761, 48.5547,
62.9484

■ 45.0097, 22.7679,
21.7812

■ 69.8317, 58.4925,
72.9669

■ 77.1633, 70.3727,
83.9900

85.6218, 84.2927,
96.0491

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.



45.5472, 29.2844, 75.5625



50.6854, 29.2844, 38.5783



48.6567, 29.2844, 15.1516

Triad

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



50.6854, 29.2844, 38.5783



21.1231, 29.2844, 3.7149



18.1216, 29.2844, 96.4095

Complementary

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



50.6854, 29.2844, 38.5783



45.7976, 75.8887, 48.7987

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.



14.0046, 29.2844, 57.8503



50.6854, 29.2844, 38.5783



15.4363, 29.2844, 9.4522

Square

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



50.6854, 29.2844, 38.5783



30.0820, 29.2844, 2.8502



13.1503, 29.2844, 26.0157



25.7008, 29.2844, 119.4010

Rectangle

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



50.6854, 29.2844, 38.5783



43.6986, 29.2844, 7.5486



13.1503, 29.2844, 26.0157



16.3654, 29.2844, 84.0498

Sweetspot

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



50.6862, 29.2860, 38.5788



76.2245, 68.8405, 82.6125



36.4318, 20.6370, 96.6709



15.8661, 14.0041, 17.0164



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.



50.6862, 29.2860, 38.5788



47.2682, 24.9289, 29.7969



45.2346, 27.1053, 9.8710



18.3838, 18.1368, 20.6380



23.5937, 11.9268, 11.7769



2.3523, 1.1833, 1.4366

Inverse Universe

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



50.6862, 29.2860, 38.5788



47.2682, 24.9289, 29.7969



56.8715, 80.3182, 107.1133



18.3838, 18.1368, 20.6380



23.5937, 11.9268, 11.7769



2.3523, 1.1833, 1.4366

Previews

White Background



This preview shows how the XYZ color 50.6854, 29.2844, 38.5783 looks on a white background.

Color Contrast Check

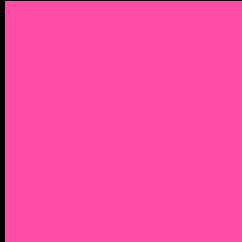
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6854, 29.2844, 38.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

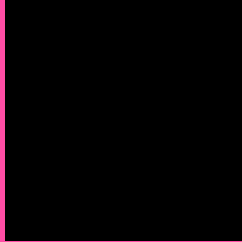
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6854, 29.2844, 38.5783

Background



This preview shows how black text looks on a background with the XYZ color 50.6854, 29.2844, 38.5783.



This preview shows how white text looks on a background with the XYZ color 50.6854, 29.2844,

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

50.6854, 29.2844, 38.5783

Protanopia

30.6357, 29.4660, 65.7008

Deuteranopia

29.9238, 29.3143, 35.5336



Tritanopia

45.6792, 29.2303, 15.0388

Trichromacy



Original Color

50.6854, 29.2844, 38.5783



Protanomaly

33.9096, 26.3267, 54.3333



Deuteranomaly

34.8472, 27.0343, 36.1824



Tritanomaly

47.2098, 29.1050, 21.8685

Monochromacy



Original Color

50.6854, 29.2844, 38.5783



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

31.0775, 24.8376, 31.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6854, 29.2844, 38.5783 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, 77, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 165)  
}
```

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, 77, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.6854, 29.2844, 38.5783 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, 77, 165) }
```


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

```
.border{ border-color:rgb(255, 77, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6854, 29.2844, 38.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 165) }
```

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

```
.background{ background-color: rgb(255, 77,  
165) }
```

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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