

Converting Colors

XYZ(59.7633, 32.3233, 50.5095)

Have a look what the booklet for
XYZ(59.7633, 32.3233, 50.5095)
contains.

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Color

**XYZ(52.0397, 28.3361,
50.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3EBC
RGB	255, 62, 188
RGB Percent	100%, 24%, 74%
CMY	0.0000, 0.7568, 0.2627
CMYK	0.00, 0.76, 0.26, 0.00
HSL	321°, 100%, 62%
HSV	321°, 76%, 100%
XYZ	52.0397, 28.3361, 50.3036
YIQ	134.0710, 74.5820, 80.1020

Conversions

Conversions Part 2

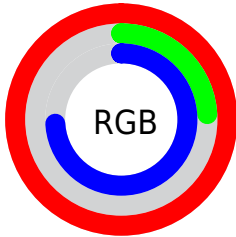
Format	Color
R _Y B	255, 62, 188
Decimal	16727740
CIE Lab	60.19, 80.63, -23.25
CIE LCh	60, 83.917, 343.917
Yxy	28.3361, 0.3982, 0.2168
Android (android.graphics.Color)	4294917820 (0xFFFF3EBC)
YUV	134.0710, 26.5870, 106.0547
Hunter-Lab	53.2317, 81.3476, -18.7665

Details

The XYZ color **52.0397, 28.3361, 50.3036** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **41.7107, 74.1299, 32.8834**, and the grayscale version is **22.5745, 23.7501, 25.8639**.

A 20% lighter version of the original color is **65.1585, 42.9704, 90.4478**, and **26.6213, 13.2186, 24.0700** is the 20% darker color. If you saturate the color by 10%, you get **50.0381, 25.8137, 45.0714**, and if you desaturate by 10%, it is **54.7511, 32.1843, 56.0618**.

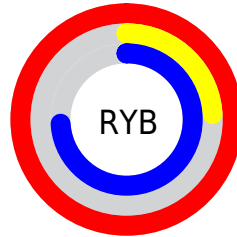
Distribution



Red (100%)

Green (24%)

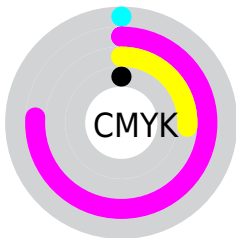
Blue (74%)



Red (100%)

Yellow (24%)

Blue (74%)

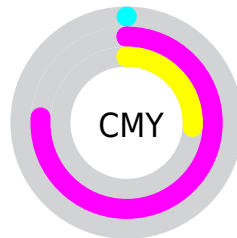


Cyan (0%)

Magenta (76%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0397, 28.3361, 50.3036 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 52.0397, 28.3361, 50.3036 by changing the saturation by 10% instead.


 52.0397, 28.3361,
50.3036

 52.0397, 28.3361,
50.3036

384.9113,
294.0695, 404.6210


 37.2611, 18.5792,
35.2818

 92.3637, 57.0206,
92.0255


 25.5843, 11.3666,
23.5948


 118.6398, 76.7170,
119.5626


 16.6440, 6.3140,
14.8239


 149.4791,
100.4952, 152.1087

 10.0747, 3.0369,
8.5506

 185.2470,
128.7399, 190.0822

 5.5112, 1.1510,
4.3565

 226.3088,
161.8352, 233.9016

 2.5880, 0.0212,
1.8229

273.0298,

 0.9398, 0.0000,

200.1656, 283.9855

0.4430

325.7756,
244.1156, 340.7525

■ 0.0000, 0.0000,
0.0000

■ 52.0397, 28.3361,
50.3036

■ 52.0397, 28.3361,
50.3036

■ 50.0381, 25.8137,
45.0714

■ 54.7511, 32.1843,
56.0618

■ 48.6434, 24.4131,
40.3250

■ 58.2515, 37.5152,
62.3766

■ 48.1663, 24.0305,
38.4032

■ 62.6114, 44.4682,
69.2766

■ 67.8927, 53.1656,
76.7873

■ 74.1513, 63.7176,
84.9319

81.4386, 76.2255,
93.7320

89.8021, 90.7831,
103.2081

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.



43.9409, 28.3361, 96.0524



52.0397, 28.3361, 50.3036



52.3538, 28.3361, 18.7052

Triad

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



52.0397, 28.3361, 50.3036



22.2659, 28.3361, 1.6922



14.6299, 28.3361, 92.7213

Complementary

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



52.0397, 28.3361, 50.3036



41.7107, 74.1299, 32.8834

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.



11.4522, 28.3361, 47.3711



52.0397, 28.3361, 50.3036



15.0005, 28.3361, 4.8537

Square

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



52.0397, 28.3361, 50.3036



33.0666, 28.3361, 1.7771



11.5668, 28.3361, 17.2006



21.6083, 28.3361, 129.6753

Rectangle

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



52.0397, 28.3361, 50.3036



47.9554, 28.3361, 8.2233



11.5668, 28.3361, 17.2006



13.1759, 28.3361, 77.0037

Sweetspot

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



52.0405, 28.3375, 50.3041



76.0022, 66.8752, 87.2261



28.4281, 15.1284, 96.0295



15.7375, 13.4104, 18.0107



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.



52.0405, 28.3375, 50.3041



49.2283, 24.9439, 42.4891



44.9917, 25.5180, 13.1857



18.5091, 18.1869, 21.2979



25.2411, 12.5857, 20.4519



2.5092, 1.2461, 2.2631

Inverse Universe

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



52.0405, 28.3375, 50.3041



49.2283, 24.9439, 42.4891



51.0445, 77.8634, 82.0346



18.5091, 18.1869, 21.2979



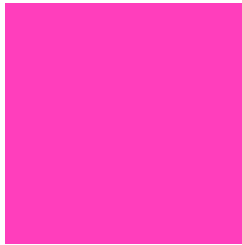
25.2411, 12.5857, 20.4519



2.5092, 1.2461, 2.2631

Previews

White Background



This preview shows how the XYZ color 52.0397, 28.3361, 50.3036 looks on a white background.

Color Contrast Check

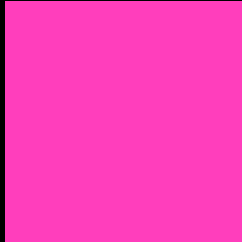
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0397, 28.3361, 50.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

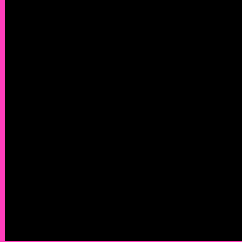
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.0397, 28.3361, 50.3036

Background



This preview shows how black text looks on a background with the XYZ color 52.0397, 28.3361, 50.3036.



This preview shows how white text looks on a background with the XYZ color 52.0397, 28.3361,

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

52.0397, 28.3361, 50.3036

Protanopia

31.7619, 28.7760, 92.6872

Deuteranopia

28.9365, 28.3600, 45.5439



Tritanopia

44.6102, 28.3017, 14.4208

Trichromacy



Original Color

52.0397, 28.3361, 50.3036



Protanomaly

33.3429, 24.3692, 74.8979



Deuteranomaly

34.0128, 25.3368, 46.8139



Tritanomaly

46.6816, 27.8583, 24.0359

Monochromacy



Original Color

52.0397, 28.3361, 50.3036



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

29.5554, 22.5232, 33.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0397, 28.3361, 50.3036 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, 62, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 188)  
}
```

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, 62, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.0397, 28.3361, 50.3036 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, 62, 188) }
```


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

```
.border{ border-color:rgb(255, 62, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0397, 28.3361, 50.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 188) }
```

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

```
.background{ background-color: rgb(255, 62,  
188) }
```

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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