

Converting Colors

XYZ(35.0209, 28.0933, 50.5904)

Have a look what the booklet for
XYZ(35.0209, 28.0933, 50.5904)
contains.

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Color

**XYZ(35.0209, 28.0933,
50.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	B37EBB
RGB	179, 126, 187
RGB Percent	70%, 49%, 73%
CMY	0.2980, 0.5059, 0.2667
CMYK	0.04, 0.33, 0.00, 0.27
HSL	292°, 31%, 61%
HSV	292°, 33%, 73%
XYZ	35.0209, 28.0933, 50.5904
YIQ	148.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

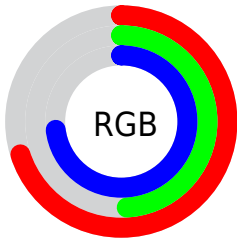
Format	Color
R_{YB}	179, 126, 187
Decimal	11763387
CIE _{Lab}	59.97, 30.98, -23.92
CIE _{LCh}	60, 39.141, 322.335
Yxy	28.0933, 0.3080, 0.2471
Android (android.graphics.Color)	4289953467 (0xFFB37EBB)
YUV	148.8010, 18.8321, 26.4845
Hunter-Lab	53.0031, 25.1854, -19.4889

Details

The XYZ color **35.0209, 28.0933, 50.5904** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.3687, 42.1160, 26.2160**, and the grayscale version is **28.4042, 29.8834, 32.5430**.

A 20% lighter version of the original color is **66.8898, 56.5441, 92.1827**, and **15.3450, 11.2501, 23.9170** is the 20% darker color. If you saturate the color by 10%, you get **32.2880, 23.4610, 49.8407**, and if you desaturate by 10%, it is **38.2126, 33.6271, 51.4907**.

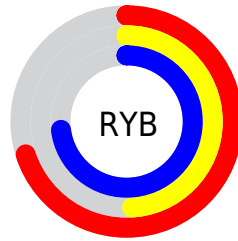
Distribution



Red (70%)

Green (49%)

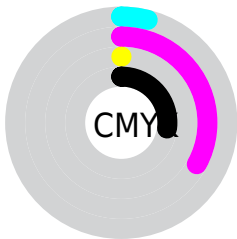
Blue (73%)



Red (70%)

Yellow (49%)

Blue (73%)

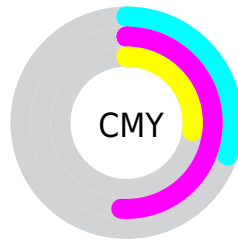


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (30%)


Magenta (51%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0209, 28.0933, 50.5904 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 35.0209, 28.0933, 50.5904 by changing the saturation by 10% instead.


 35.0209, 28.0933,
50.5904


 35.0209, 28.0933,
50.5904

316.1670,
292.9125, 405.7713


 23.8456, 18.3960,
35.5083


 66.8520, 56.6334,
92.4543

 15.3432, 11.2347,
23.7680


 88.2384, 76.2449,
120.0732

 9.1485, 6.2249,
14.9510


 113.7592, 99.9300,
152.7081

 4.8961, 2.9823,
8.6388

143.7798,
128.0731, 190.7775

 2.2205, 1.1225,
4.4127

178.6655,
161.0584, 234.7000

 0.7535, 0.0000,
1.8544

218.7817,

 0.0000, 0.0000,

199.2705, 284.8941

0.4635

264.4938,
243.0937, 341.7784

■ 0.0000, 0.0000,
0.0000

■ 35.0209, 28.0933,
50.5904

■ 35.0209, 28.0933,
50.5904

■ 32.2880, 23.4610,
49.8407

■ 38.2126, 33.6271,
51.4907

■ 29.9863, 19.6767,
49.2316

■ 41.8835, 40.1048,
52.5476

■ 28.0891, 16.6866,
48.7545

■ 46.0560, 47.5706,
53.7687

■ 26.5658, 14.4296,
48.3991

■ 50.7502, 56.0647,
55.1608

■ 25.3812, 12.8354,
48.1538

■ 55.9852, 65.6251,
56.7302

■ 24.4933, 11.8198,
48.0046

■ 61.7791, 76.2879,
58.4830

■ 23.9670, 11.3193,
47.9357

■ 67.5384, 86.8662,
60.2213

■ 68.1823, 87.1981,
60.2514

■ 68.8367, 87.5355,
60.2820

Harmonies

Analogous

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



30.5082, 28.0933, 63.6098



35.0209, 28.0933, 50.5904



37.3595, 28.0933, 34.3943

Triad

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



35.0209, 28.0933, 50.5904



27.9995, 28.0933, 10.6662



18.7884, 28.0933, 42.2374

Complementary

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



35.0209, 28.0933, 50.5904



31.3687, 42.1160, 26.2160

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.



18.2923, 28.0933, 27.0750



35.0209, 28.0933, 50.5904



23.2261, 28.0933, 11.5893

Square

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



35.0209, 28.0933, 50.5904



32.9902, 28.0933, 13.6119



19.8170, 28.0933, 16.7062



21.2681, 28.0933, 57.8348

Rectangle

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



35.0209, 28.0933, 50.5904



37.1903, 28.0933, 25.0970



19.8170, 28.0933, 16.7062



18.3978, 28.0933, 36.8285

Sweetspot

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



35.0218, 28.0945, 50.5910



76.7638, 74.9451, 94.6214



26.1185, 25.1119, 50.4846



16.6815, 16.1066, 20.7722



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0218, 28.0945, 50.5910



59.2070, 44.3342, 89.6382



34.7134, 28.1910, 39.0353



9.8036, 9.6311, 12.0145



16.5568, 7.8214, 33.0299



0.6832, 0.3243, 1.2954

Inverse Universe

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



32.2584, 27.2090, 26.1072



53.6175, 42.5738, 38.7240



31.7499, 42.1267, 34.6284



9.5797, 9.5562, 10.1759



14.2531, 7.3324, 1.3607



0.5751, 0.2939, 0.1417

Previews

White Background



This preview shows how the XYZ color 35.0209, 28.0933, 50.5904 looks on a white background.

Color Contrast Check

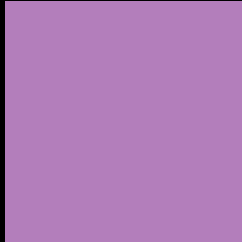
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0209, 28.0933, 50.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

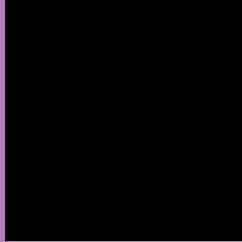
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0209, 28.0933, 50.5904

Background



This preview shows how black text looks on a background with the XYZ color 35.0209, 28.0933, 50.5904.



This preview shows how white text looks on a background with the XYZ color 35.0209, 28.0933,

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

35.0209, 28.0933, 50.5904

Protanopia

29.1499, 28.4042, 58.5898

Deuteranopia

28.8060, 28.2100, 49.2742



Tritanopia

30.8695, 27.9788, 30.5615

Trichromacy



Original Color

35.0209, 28.0933, 50.5904

Protanomaly

30.8286, 28.0345, 55.4161

Deuteranomaly

30.6980, 27.8834, 49.6630

Tritanomaly

32.1407, 27.8846, 36.9460

Monochromacy



Original Color

35.0209, 28.0933, 50.5904

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.6329, 29.1677, 38.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0209, 28.0933, 50.5904 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(179, 126, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 126, 187)  
}
```

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(179, 126, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 126, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.0209, 28.0933, 50.5904 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(179, 126, 187) }
```


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

```
.border{ border-color:rgb(179, 126, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 126, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 126, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 126, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 126,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0209, 28.0933, 50.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 126, 187) }
```

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

```
.background{ background-color: rgb(179,  
126, 187) }
```

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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