

Converting Colors

XYZ(35.6381, 29.6837, 34.8385)

Have a look what the booklet for
XYZ(35.6381, 29.6837, 34.8385)
contains.

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Color

**XYZ(35.7709, 29.8056,
34.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	C0839B
RGB	192, 131, 155
RGB Percent	75%, 51%, 61%
CMY	0.2471, 0.4863, 0.3922
CMYK	0.00, 0.32, 0.19, 0.25
HSL	336°, 33%, 63%
HSV	336°, 32%, 75%
XYZ	35.7709, 29.8056, 34.8781
YIQ	151.9750, 28.6520, 20.3960

Conversions

Conversions Part 2

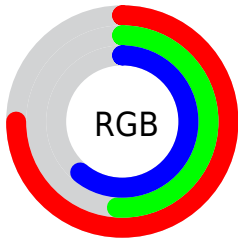
Format	Color
R_{YB}	192, 131, 155
Decimal	12616603
CIE _{Lab}	61.49, 27.00, -3.25
CIE _{LCh}	61, 27.197, 353.142
Yxy	29.8056, 0.3561, 0.2967
Android (android.graphics.Color)	4290806683 (0xFFC0839B)
YUV	151.9750, 1.4913, 35.1019
Hunter-Lab	54.5945, 21.4147, 0.3383

Details

The XYZ color **35.7709, 29.8056, 34.8781** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2788, 45.3525, 43.9424**, and the grayscale version is **29.8201, 31.3730, 34.1652**.

A 20% lighter version of the original color is **67.9245, 59.4411, 68.2149**, and **15.7576, 12.2027, 14.6215** is the 20% darker color. If you saturate the color by 10%, you get **32.4958, 24.7457, 29.1913**, and if you desaturate by 10%, it is **39.6199, 35.8616, 41.2224**.

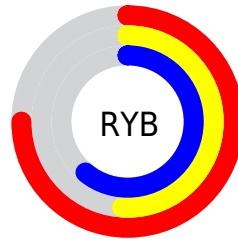
Distribution



Red (75%)

Green (51%)

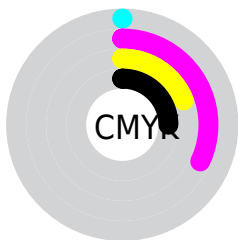
Blue (61%)



Red (75%)

Yellow (51%)

Blue (61%)

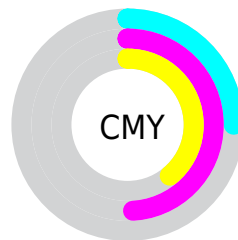


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7709, 29.8056, 34.8781 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 35.7709, 29.8056, 34.8781 by changing the saturation by 10% instead.


 35.7709, 29.8056,
34.8781


 35.7709, 29.8056,
34.8781

319.4068,
300.9973, 338.9178


 24.4266, 19.6911,
23.2862


 68.0045, 59.3546,
68.4463

 15.7768, 12.1707,
14.5977


 89.6245, 79.5579,
91.2597

 9.4562, 6.8600,
8.3941


 115.4004,
103.8929, 118.6506

 5.0994, 3.3747,
4.2567

145.6977,
132.7440, 151.0377

 2.3411, 1.3304,
1.7672

180.8816,
166.4956, 188.8394

 0.8156, 0.1645,
0.4062

221.3175,

 0.0000, 0.0000,

205.5320, 232.4743

0.0000

267.3708,
250.2378, 282.3609

■ 35.7709, 29.8056,
34.8781

■ 35.7709, 29.8056,
34.8781

■ 32.4958, 24.7457,
29.1913

■ 39.6199, 35.8616,
41.2224

■ 29.7630, 20.6240,
24.1372

■ 44.0672, 42.9595,
48.2439

■ 27.5414, 17.3825,
19.6923


■ 49.1388, 51.1471,
55.9637


■ 25.7959, 14.9555,
15.8304


■ 54.8585, 60.4679,
64.4014


■ 24.4864, 13.2676,
12.5230

■ 61.2487, 70.9634,
73.5757

 23.5653, 12.2292,
9.7381

 68.3308, 82.6726,
83.5047

 23.0267, 11.7219,
7.8018

 72.7154, 88.8133,
93.0692

 74.4686, 89.5146,
102.3014

 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



34.2353, 29.8056, 45.8530



35.7709, 29.8056, 34.8781



35.1815, 29.8056, 25.2704

Triad

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



35.7709, 29.8056, 34.8781



25.6956, 29.8056, 17.4267



24.3775, 29.8056, 51.0351

Complementary

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



35.7709, 29.8056, 34.8781



35.2788, 45.3525, 43.9424

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.



22.4302, 29.8056, 40.8824



35.7709, 29.8056, 34.8781



23.1450, 29.8056, 21.9570

Square

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



35.7709, 29.8056, 34.8781



29.1638, 29.8056, 16.4843



21.9988, 29.8056, 30.1434



27.5109, 29.8056, 56.3768

Rectangle

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



35.7709, 29.8056, 34.8781



33.6851, 29.8056, 20.6993



21.9988, 29.8056, 30.1434



23.5737, 29.8056, 47.9805

Sweetspot

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



35.7717, 29.8070, 34.8787



81.2474, 80.0905, 89.5782



33.6953, 28.3209, 53.5600



17.1653, 16.7562, 18.8083



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.7717, 29.8070, 34.8787



60.6469, 47.5465, 56.0227



34.7959, 30.7663, 25.5790



10.2336, 10.1421, 11.3208



15.5303, 7.9019, 5.4388



0.7049, 0.3550, 0.4135

Inverse Universe

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



35.7717, 29.8070, 34.8787



60.6469, 47.5465, 56.0227



36.4133, 43.7075, 56.3866



10.2336, 10.1421, 11.3208



15.5303, 7.9019, 5.4388



0.7049, 0.3550, 0.4135

Previews

White Background



This preview shows how the XYZ color 35.7709, 29.8056, 34.8781 looks on a white background.

Color Contrast Check

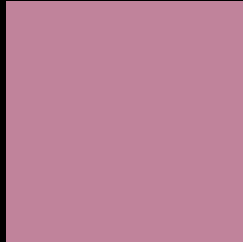
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7709, 29.8056, 34.8781 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 35.7709, 29.8056, 34.8781

Background



This preview shows how black text looks on a background with the XYZ color 35.7709, 29.8056, 34.8781.



This preview shows how white text looks on a background with the XYZ color 35.7709, 29.8056,

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

35.7709, 29.8056, 34.8781

Protanopia

29.4141, 30.0995, 39.8568

Deuteranopia

30.4210, 29.8235, 34.2901



Tritanopia

34.8313, 29.8346, 29.9094

Trichromacy



Original Color

35.7709, 29.8056, 34.8781

Protanomaly

31.2103, 29.7057, 37.8070

Deuteranomaly

32.0786, 29.5690, 34.5885

Tritanomaly

35.0036, 29.6855, 31.4887

Monochromacy



Original Color

35.7709, 29.8056, 34.8781

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.6594, 30.4619, 34.3481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7709, 29.8056, 34.8781 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(192, 131, 155)` looks like.

```
.text, #text, p{  
    color:rgb(192, 131, 155)  
}
```

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(192, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 131, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.7709, 29.8056, 34.8781 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(192, 131, 155) }
```


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

```
.border{ border-color:rgb(192, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(192, 131,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7709, 29.8056, 34.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 131, 155) }
```

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

```
.background{ background-color: rgb(192,  
131, 155) }
```

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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