

Converting Colors

XYZ(35.2521, 30.1087, 59.7433)

Have a look what the booklet for
XYZ(35.2521, 30.1087, 59.7433)
contains.

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Color

**XYZ(35.1907, 29.9796,
59.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	A688CA
RGB	166, 136, 202
RGB Percent	65%, 53%, 79%
CMY	0.3490, 0.4667, 0.2078
CMYK	0.18, 0.33, 0.00, 0.21
HSL	267°, 38%, 66%
HSV	267°, 33%, 79%
XYZ	35.1907, 29.9796, 59.8090
YIQ	152.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

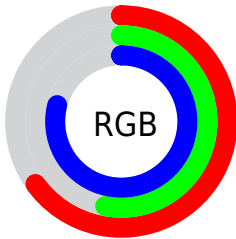
Format	Color
R_{YB}	166, 136, 202
Decimal	10913994
CIE _{Lab}	61.64, 24.39, -29.94
CIE _{LCh}	62, 38.616, 309.171
Yxy	29.9796, 0.2816, 0.2399
Android (android.graphics.Color)	4289104074 (0xFFA688CA)
YUV	152.4940, 24.4065, 11.8448
Hunter-Lab	54.7536, 18.9049, -26.4367

Details

The XYZ color **35.1907, 29.9796, 59.8090** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5787, 52.7900, 31.2392**, and the grayscale version is **29.9581, 31.5183, 34.3234**.

A 20% lighter version of the original color is **66.5877, 59.5765, 102.5976**, and **15.4831, 12.3044, 29.5759** is the 20% darker color. If you saturate the color by 10%, you get **30.3979, 23.6768, 58.8455**, and if you desaturate by 10%, it is **40.7195, 37.4591, 60.9618**.

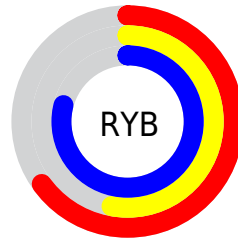
Distribution



Red (65%)

Green (53%)

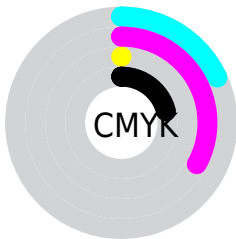
Blue (79%)



Red (65%)

Yellow (53%)

Blue (79%)

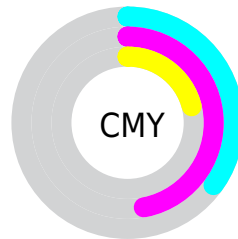


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1907, 29.9796, 59.8090 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 35.1907, 29.9796, 59.8090 by changing the saturation by 10% instead.

■ 35.1907, 29.9796,
59.8090

■ 35.1907, 29.9796,
59.8090

316.9026,
301.8094, 441.6785

■ 23.9770, 19.8231,
42.8404

■ 67.1132, 59.6299,
106.0932

■ 15.4412, 12.2665,
29.4294

■ 88.5527, 79.8925,
136.2459

■ 9.2179, 6.9255,
19.1576

■ 114.1315,
104.2926, 171.6304

■ 4.9419, 3.4155,
11.6062

144.2149,
133.2146, 212.6652

■ 2.2476, 1.3523,
6.3569

179.1684,
167.0429, 259.7689

■ 0.7676, 0.1812,
2.9910

219.3573,

■ 0.0000, 0.0000,

206.1618, 313.3599

1.0900

265.1469,
250.9559, 373.8570

■ 0.0000, 0.0000,
0.0000

■ 35.1907, 29.9796,
59.8090

■ 35.1907, 29.9796,
59.8090

■ 30.3979, 23.6768,
58.8455

■ 40.7195, 37.4591,
60.9618

■ 26.3031, 18.4840,
58.0590

■ 47.0139, 46.1698,
62.3114

■ 22.8688, 14.3336,
57.4389

■ 54.1055, 56.1670,
63.8673

■ 20.0525, 11.1484,
56.9726

■ 62.0229, 67.5017,
65.6378

■ 17.8061, 8.8402,
56.6454

■ 70.7934, 80.2218,
67.6307

■ 16.0724, 7.3036,
56.4402

■ 79.7358, 92.9589,
69.6179

■ 15.0562, 6.5302,
56.3445

■ 83.4279, 94.8622,
69.7907

■ 87.3482, 96.8832,
69.9742

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



30.0960, 29.9796, 69.2304



35.1907, 29.9796, 59.8090



38.7448, 29.9796, 43.7542

Triad

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



35.1907, 29.9796, 59.8090



32.1483, 29.9796, 12.7175



19.8235, 29.9796, 37.3555

Complementary

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



35.1907, 29.9796, 59.8090



42.5787, 52.7900, 31.2392

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.



20.2335, 29.9796, 23.5922



35.1907, 29.9796, 59.8090



26.9513, 29.9796, 11.9415

Square

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



35.1907, 29.9796, 59.8090



36.8470, 29.9796, 17.8523



22.7070, 29.9796, 15.2737



21.5108, 29.9796, 53.9364

Rectangle

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



35.1907, 29.9796, 59.8090



39.5401, 29.9796, 33.0533



22.7070, 29.9796, 15.2737



19.7255, 29.9796, 32.2355

Sweetspot

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



35.1917, 29.9808, 59.8097



82.5145, 82.2525, 106.1351



35.6248, 39.1190, 61.5507



17.3087, 17.1108, 22.6404



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.



35.1917, 29.9808, 59.8097



53.8844, 43.2296, 100.1119



42.9393, 33.9749, 60.1723



11.0780, 11.0895, 14.1270



9.7883, 4.2536, 36.2614



0.5920, 0.2643, 1.8748

Inverse Universe

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



40.6086, 33.1446, 43.2882



64.6605, 49.5292, 66.9917



36.2631, 49.5342, 30.9437



11.4640, 11.3143, 12.9780



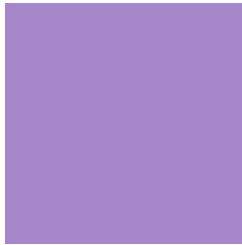
17.5365, 8.8252, 10.5438



0.9427, 0.4705, 0.7440

Previews

White Background



This preview shows how the XYZ color 35.1907, 29.9796, 59.8090 looks on a white background.

Color Contrast Check

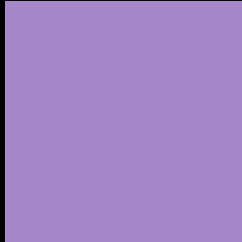
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1907, 29.9796, 59.8090 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 35.1907, 29.9796, 59.8090

Background



This preview shows how black text looks on a background with the XYZ color 35.1907, 29.9796, 59.8090.



This preview shows how white text looks on a background with the XYZ color 35.1907, 29.9796,

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

35.1907, 29.9796, 59.8090

Protanopia

31.1198, 30.1877, 65.1594

Deuteranopia

30.8507, 30.1885, 58.8445



Tritanopia

30.2267, 29.9202, 35.6345

Trichromacy



Original Color

35.1907, 29.9796, 59.8090

Protanomaly

32.2403, 29.9007, 63.1036

Deuteranomaly

32.2191, 29.9730, 59.3456

Tritanomaly

31.9138, 29.9402, 43.6322

Monochromacy



Original Color

35.1907, 29.9796, 59.8090

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4392, 30.6281, 42.2850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1907, 29.9796, 59.8090 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(166, 136, 202)` looks like.

```
.text, #text, p{  
    color:rgb(166, 136, 202)  
}
```

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(166, 136, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 136, 202) }
```

Border

The CSS property to change the border of an element to XYZ 35.1907, 29.9796, 59.8090 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(166, 136, 202) }
```


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

```
.border{ border-color:rgb(166, 136, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 136, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 136, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 136, 202);  
box-shadow:4px 4px 4px 4px rgb(166, 136,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1907, 29.9796, 59.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 136, 202) }
```

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

```
.background{ background-color: rgb(166,  
136, 202) }
```

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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