

Converting Colors

XYZ(31.4296, 28.5449, 35.4963)

Have a look what the booklet for
XYZ(31.4296, 28.5449, 35.4963)
contains.

XYZ(31.3825, 28.5547, 35.3101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.3825, 28.5547,
35.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	AA889C
RGB	170, 136, 156
RGB Percent	67%, 53%, 61%
CMY	0.3333, 0.4667, 0.3882
CMYK	0.00, 0.20, 0.08, 0.33
HSL	325°, 17%, 60%
HSV	325°, 20%, 67%
XYZ	31.3825, 28.5547, 35.3101
YIQ	148.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

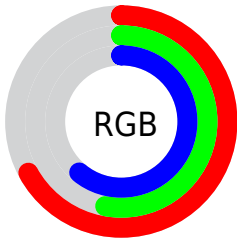
Format	Color
RYB	170, 136, 156
Decimal	11176092
CIELab	60.39, 16.33, -5.71
CIELCh	60, 17.299, 340.740
Yxy	28.5547, 0.3295, 0.2998
Android (android.graphics.Color)	4289366172 (0xFFAA889C)
YUV	148.4460, 3.7241, 18.9029
Hunter-Lab	53.4366, 11.3163, -1.7723

Details

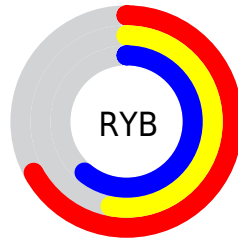
The XYZ color **31.3825, 28.5547, 35.3101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0343, 36.1865, 34.2576**, and the grayscale version is **28.3162, 29.7908, 32.4422**.

A 20% lighter version of the original color is **61.1945, 57.2171, 68.7915**, and **13.2137, 11.4574, 14.8797** is the 20% darker color. If you saturate the color by 10%, you get **28.5999, 23.9107, 31.5418**, and if you desaturate by 10%, it is **34.5807, 33.9744, 39.3862**.

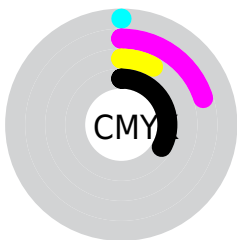
Distribution



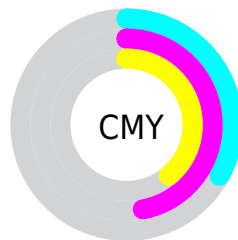
- Red (67%)
- Green (53%)
- Blue (61%)



- Red (67%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3825, 28.5547, 35.3101 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 31.3825, 28.5547, 35.3101 by changing the saturation by 10% instead.

 31.3825, 28.5547,
35.3101


 31.3825, 28.5547,
35.3101


300.0922,
295.1081, 340.8807


 21.0435, 18.7442,
23.6164

 61.2135, 57.3688,
69.1229

 13.2685, 11.4856,
14.8397


 81.4363, 77.1413,
92.0791

 7.6920, 6.3945,
8.5616


 105.6844,
101.0032, 119.6264

 3.9486, 3.0864,
4.3635

134.3232,
129.3389, 152.1836

 1.6731, 1.1770,
1.8268

167.7180,
162.5329, 190.1691

 0.4393, 0.0428,
0.4455

206.2342,

 0.0000, 0.0000,

200.9694, 234.0014

0.0000

250.2371,
245.0330, 284.0991

■ 31.3825, 28.5547,
35.3101

■ 31.3825, 28.5547,
35.3101

■ 28.5999, 23.9107,
31.5418

■ 34.5807, 33.9744,
39.3862

■ 26.2120, 20.0027,
28.0704

■ 38.2092, 40.1996,
43.7768

■ 24.1997, 16.7930,
24.8872

■ 42.2851, 47.2631,
48.4905

■ 22.5413, 14.2393,
21.9819

■ 46.8238, 55.1949,
53.5352

■ 21.2128, 12.2945,
19.3435

■ 51.8398, 64.0232,
58.9181

■ 20.1870, 10.9052,
16.9597

■ 57.3473, 73.7754,
64.6466

■ 19.4319, 10.0086,
14.8166

■ 63.3579, 84.4742,
70.7269

■ 18.8778, 9.4662,
12.8877

■ 64.2222, 84.8199,
75.2784

■ 18.8777, 9.4661,
12.8874

■ 65.1248, 85.1810,
80.0317

Harmonies

Analogous

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



30.0291, 28.5547, 41.3285



31.3825, 28.5547, 35.3101



31.5641, 28.5547, 28.8635

Triad

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



31.3825, 28.5547, 35.3101



26.3510, 28.5547, 20.5407



24.0264, 28.5547, 39.7920

Complementary

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



31.3825, 28.5547, 35.3101



30.0343, 36.1865, 34.2576

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.



23.1506, 28.5547, 33.4307



31.3825, 28.5547, 35.3101



24.4431, 28.5547, 22.7016

Square

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



31.3825, 28.5547, 35.3101



28.5761, 28.5547, 20.9002



23.2989, 28.5547, 27.2225



25.7536, 28.5547, 44.1506

Rectangle

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



31.3825, 28.5547, 35.3101



30.9858, 28.5547, 25.2399



23.2989, 28.5547, 27.2225



23.6271, 28.5547, 37.7834

Sweetspot

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



31.3833, 28.5560, 35.3107



65.2082, 65.8579, 74.4908



28.5652, 26.9582, 41.7285



14.4513, 14.5317, 16.5016



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.3833, 28.5560, 35.3107



54.6095, 47.9021, 60.9649



30.0723, 28.0315, 28.4067



7.7092, 7.6135, 8.7860



13.9147, 6.9746, 9.6285



0.3631, 0.1795, 0.3633

Inverse Universe

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



31.3833, 28.5560, 35.3107



54.6095, 47.9021, 60.9649



31.4671, 36.7597, 41.8030



7.7092, 7.6135, 8.7860



13.9147, 6.9746, 9.6285



0.3631, 0.1795, 0.3633

Previews

White Background



This preview shows how the XYZ color 31.3825, 28.5547, 35.3101 looks on a white background.

Color Contrast Check

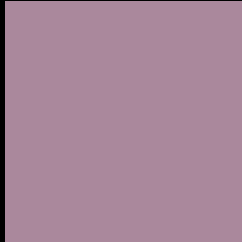
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3825, 28.5547, 35.3101 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 31.3825, 28.5547, 35.3101

Background



This preview shows how black text looks on a background with the XYZ color 31.3825, 28.5547, 35.3101.



This preview shows how white text looks on a background with the XYZ color 31.3825, 28.5547,

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

31.3825, 28.5547, 35.3101

Protanopia

28.0600, 28.7533, 37.7892

Deuteranopia

29.2997, 28.7805, 35.0213



Tritanopia

30.6531, 28.4645, 31.8956

Trichromacy



Original Color

31.3825, 28.5547, 35.3101

Protanomaly

29.0679, 28.6215, 36.7933

Deuteranomaly

29.9924, 28.6998, 34.9692

Tritanomaly

30.8938, 28.5607, 33.1626

Monochromacy



Original Color

31.3825, 28.5547, 35.3101

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2695, 29.2488, 33.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3825, 28.5547, 35.3101 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(170, 136, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 156)  
}
```

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(170, 136, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.3825, 28.5547, 35.3101 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(170, 136, 156) }
```


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

```
.border{ border-color:rgb(170, 136, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3825, 28.5547, 35.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 156) }
```

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

```
.background{ background-color: rgb(170,  
136, 156) }
```

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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