

Converting Colors

XYZ(35.3703, 35.6204, 30.7741)

Have a look what the booklet for
XYZ(35.3703, 35.6204, 30.7741)
contains.

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Color

**XYZ(35.2996, 35.5319,
30.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	B29D8E
RGB	178, 157, 142
RGB Percent	70%, 62%, 56%
CMY	0.3020, 0.3843, 0.4431
CMYK	0.00, 0.12, 0.20, 0.30
HSL	25°, 19%, 63%
HSV	25°, 20%, 70%
XYZ	35.2996, 35.5319, 30.5890
YIQ	161.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

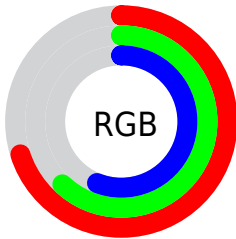
Format	Color
RYB	178, 168, 142
Decimal	11705742
CIELab	66.16, 5.26, 10.67
CIELCh	66, 11.895, 63.750
Yxy	35.5319, 0.3481, 0.3503
Android (android.graphics.Color)	4289895822 (0xFFB29D8E)
YUV	161.5690, -9.6475, 14.4100
Hunter-Lab	59.6086, 1.3907, 11.3006

Details

The XYZ color **35.2996, 35.5319, 30.5890** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2883, 35.1588, 47.2045**, and the grayscale version is **34.1799, 35.9599, 39.1604**.

A 20% lighter version of the original color is **67.4390, 68.5649, 61.9045**, and **15.5432, 15.4407, 12.2864** is the 20% darker color. If you saturate the color by 10%, you get **32.3862, 31.6756, 23.5426**, and if you desaturate by 10%, it is **38.5776, 39.7753, 38.8107**.

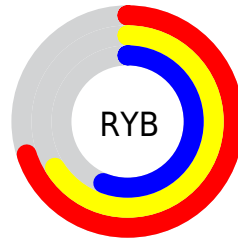
Distribution



Red (70%)

Green (62%)

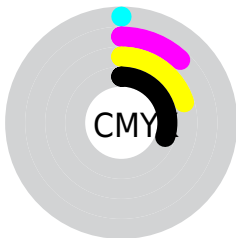
Blue (56%)



Red (70%)

Yellow (66%)

Blue (56%)

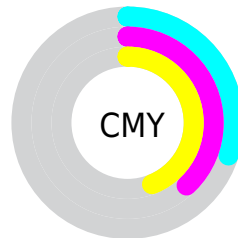


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2996, 35.5319, 30.5890 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 35.2996, 35.5319, 30.5890 by changing the saturation by 10% instead.


 35.2996, 35.5319,
30.5890


 35.2996, 35.5319,
30.5890


317.3737,
326.9099, 318.9327


 24.0613, 24.0729,
20.0302

 67.2806, 68.3090,
61.6644

 15.5041, 15.3877,
12.2327


 88.7541, 90.3958,
83.0181

 9.2626, 9.0919,
6.7779

 114.3700,
116.7940, 108.8072

 4.9713, 4.8012,
3.2473

144.4937,
147.8880, 139.4503

 2.2650, 2.1311,
1.2222

179.4906,
184.0622, 175.3658

 0.7767, 0.6820,
0.0000

219.7259,

 0.0000, 0.0000,

225.7010, 216.9724

0.0000

265.5652,
273.1888, 264.6885

■ 35.2996, 35.5319,
30.5890

■ 35.2996, 35.5319,
30.5890

■ 32.3862, 31.6756,
23.5426

■ 38.5776, 39.7753,
38.8107

■ 29.8208, 28.1903,
17.6148

■ 42.2304, 44.4119,
48.2565

■ 27.5896, 25.0653,
12.7475

■ 46.2713, 49.4538,
58.9748

■ 25.6765, 22.2881,
8.8765

■ 50.7119, 54.9109,
71.0110

■ 24.0642, 19.8448,
5.9303

■ 55.5634, 60.7930,
84.4082

■ 22.7331, 17.7206,
3.8280

■ 60.8367, 67.1092,
99.2073

■ 21.6608, 15.8991,
2.4741

■ 64.6172, 73.0988,
105.3115

■ 20.8213, 14.3871,
1.6796

■ 67.5875, 79.0396,
106.3017

■ 70.7328, 85.3301,
107.3501

Harmonies

Analogous

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



36.6813, 35.5319, 33.5223



35.2996, 35.5319, 30.5890



33.5499, 35.5319, 29.7551

Triad

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



35.2996, 35.5319, 30.5890



30.4888, 35.5319, 39.3291



35.6981, 35.5319, 47.3707

Complementary

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



35.2996, 35.5319, 30.5890



32.2883, 35.1588, 47.2045

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.



33.9951, 35.5319, 49.2510



35.2996, 35.5319, 30.5890



31.0208, 35.5319, 44.3593

Square

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



35.2996, 35.5319, 30.5890



30.8109, 35.5319, 34.5357



32.2891, 35.5319, 48.1040



36.9170, 35.5319, 43.1608

Rectangle

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



35.2996, 35.5319, 30.5890



32.4199, 35.5319, 30.4356



32.2891, 35.5319, 48.1040



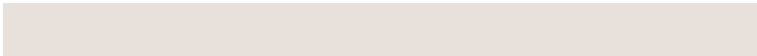
35.1612, 35.5319, 48.3121

Sweetspot

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



35.3006, 35.5335, 30.5897



72.6032, 75.5062, 77.1644



34.6444, 31.4558, 38.8964



15.9923, 16.6102, 16.8563



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.3006, 35.5335, 30.5897



61.7213, 61.4217, 49.8628



38.5730, 42.0784, 31.6806



8.7777, 9.0678, 8.9402



14.9570, 10.4125, 1.2215



0.5288, 0.4440, 0.0578

Inverse Universe

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



32.2883, 35.1588, 47.2045



55.3194, 60.6233, 85.1670



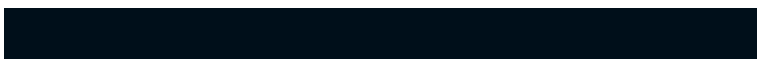
29.3171, 29.2164, 46.2141



8.4399, 9.0260, 10.8037



9.3418, 9.4840, 31.4752



0.3499, 0.4104, 1.0090

Previews

White Background



This preview shows how the XYZ color 35.2996, 35.5319, 30.5890 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.2996, 35.5319, 30.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

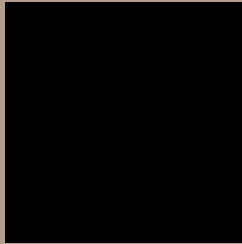
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2996, 35.5319, 30.5890

Background



This preview shows how black text looks on a background with the XYZ color 35.2996, 35.5319, 30.5890.



This preview shows how white text looks on a background with the XYZ color 35.2996, 35.5319,

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

35.2996, 35.5319, 30.5890

Protanopia

33.7533, 35.4801, 31.4549

Deuteranopia

36.1323, 35.4630, 30.5318



Tritanopia

37.4946, 35.6881, 40.9887

Trichromacy



Original Color

35.2996, 35.5319, 30.5890

Protanomaly

34.3693, 35.5501, 31.0370

Deuteranomaly

35.8270, 35.5537, 30.5654

Tritanomaly

36.6295, 35.5803, 36.8354

Monochromacy



Original Color

35.2996, 35.5319, 30.5890

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6356, 35.8330, 36.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2996, 35.5319, 30.5890 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(178, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(178, 157, 142)  
}
```

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(178, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 157, 142) }
```

Border

The CSS property to change the border of an element to XYZ 35.2996, 35.5319, 30.5890 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(178, 157, 142) }
```


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

```
.border{ border-color:rgb(178, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(178, 157,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2996, 35.5319, 30.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 157, 142) }
```

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

```
.background{ background-color: rgb(178,  
157, 142) }
```

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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