

Converting Colors

XYZ(30.6282, 30.6990, 29.3988)

Have a look what the booklet for
XYZ(30.6282, 30.6990, 29.3988)
contains.

XYZ(30.7585, 30.7899, 29.5212)	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(30.7585, 30.7899,
29.5212)**

Conversions

Conversions Part 1

Format	Color
Hex	A5938D
RGB	165, 147, 141
RGB Percent	65%, 58%, 55%
CMY	0.3529, 0.4235, 0.4471
CMYK	0.00, 0.11, 0.15, 0.35
HSL	15°, 12%, 60%
HSV	15°, 15%, 65%
XYZ	30.7585, 30.7899, 29.5212
YIQ	151.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

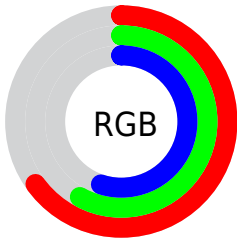
Format	Color
R_{YB}	165, 149, 141
Decimal	10851213
CIE Lab	62.33, 5.65, 5.61
CIE LCh	62, 7.958, 44.780
Yxy	30.7899, 0.3377, 0.3381
Android (android.graphics.Color)	4289041293 (0xFFA5938D)
YUV	151.6980, -5.2741, 11.6659
Hunter-Lab	55.4886, 1.8411, 7.2984

Details

The XYZ color **30.7585, 30.7899, 29.5212** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1740, 33.1748, 40.4106**, and the grayscale version is **29.7338, 31.2823, 34.0664**.

A 20% lighter version of the original color is **60.2522, 60.9291, 60.2146**, and **12.8813, 12.6318, 11.6568** is the 20% darker color. If you saturate the color by 10%, you get **27.7997, 26.6926, 22.9223**, and if you desaturate by 10%, it is **34.1089, 35.3770, 37.1538**.

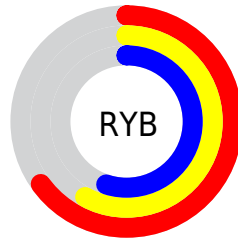
Distribution



Red (65%)

Green (58%)

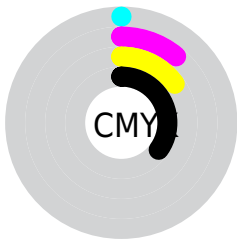
Blue (55%)



Red (65%)

Yellow (58%)

Blue (55%)

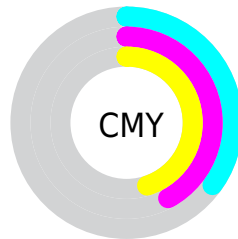


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7585, 30.7899, 29.5212 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 30.7585, 30.7899, 29.5212 by changing the saturation by 10% instead.

■ 30.7585, 30.7899,
29.5212

■ 30.7585, 30.7899,
29.5212

297.2710,
305.5692, 313.8038

■ 20.5659, 20.4389,
19.2265

■ 60.2381, 60.9091,
59.9562

■ 12.9177, 12.7145,
11.6556

■ 80.2558, 81.4462,
80.9335

■ 7.4485, 7.2322,
6.3899

■ 104.2793,
106.1474, 106.3089

■ 3.7930, 3.6078,
3.0110

132.6740,
135.3971, 136.5007

■ 1.5857, 1.4567,
1.1003

165.8051,
169.5797, 171.9275

■ 0.3831, 0.2579,
0.0000

204.0381,

■ 0.0000, 0.0000,

209.0797, 213.0080

0.0000

247.7383,
254.2814, 260.1605

■ 30.7585, 30.7899,
29.5212

■ 30.7585, 30.7899,
29.5212

■ 27.7997, 26.6926,
22.9223

■ 34.1089, 35.3770,
37.1538

■ 25.2153, 23.0648,
17.3106

■ 37.8622, 40.4653,
45.8601

■ 22.9908, 19.8907,
12.6387

■ 42.0323, 46.0710,
55.6802

■ 21.1095, 17.1519,
8.8548

■ 46.6317, 52.2082,
66.6518

■ 19.5533, 14.8291,
5.9019

■ 51.6723, 58.8905,
78.8106

■ 18.3024, 12.9012,
3.7161

■ 57.1657, 66.1310,
92.1908

■ 17.3347, 11.3450,
2.2244

■ 62.8801, 73.8453,
105.5472

■ 16.6243, 10.1348,
1.3385

■ 66.5188, 81.1227,
106.7601

■ 16.3196, 9.6042,
0.9937

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



31.3118, 30.7899, 32.0357



30.7585, 30.7899, 29.5212



29.8115, 30.7899, 28.1252

Triad

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



30.7585, 30.7899, 29.5212



27.3131, 30.7899, 31.9930



29.7960, 30.7899, 39.5882

Complementary

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



30.7585, 30.7899, 29.5212



30.1740, 33.1748, 40.4106

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.



28.7250, 30.7899, 39.5751



30.7585, 30.7899, 29.5212



27.3092, 30.7899, 35.0597

Square

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



30.7585, 30.7899, 29.5212



27.8313, 30.7899, 29.4916



27.8204, 30.7899, 37.8753



30.7469, 30.7899, 37.9102

Rectangle

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



30.7585, 30.7899, 29.5212



29.0928, 30.7899, 27.9590



27.8204, 30.7899, 37.8753



29.4377, 30.7899, 39.7846

Sweetspot

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



30.7593, 30.7913, 29.5219



61.3870, 63.7668, 67.2312



31.3003, 29.5527, 36.8557



13.3197, 13.8036, 14.4665



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.7593, 30.7913, 29.5219



53.5523, 53.0279, 49.4198



32.7232, 34.7190, 30.1765



7.2111, 7.3605, 7.4207



12.3806, 7.3351, 0.7633



0.2951, 0.2241, 0.0277

Inverse Universe

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



30.1740, 33.1748, 40.4106



52.3274, 58.0114, 72.1917



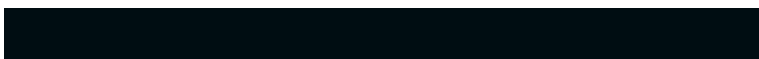
28.2101, 29.2472, 39.7560



7.1254, 7.7098, 9.0157



10.6057, 12.9909, 28.8783



0.2569, 0.3410, 0.6181

Previews

White Background



This preview shows how the XYZ color 30.7585, 30.7899, 29.5212 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 30.7585, 30.7899, 29.5212 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 30.7585, 30.7899, 29.5212

Background



This preview shows how black text looks on a background with the XYZ color 30.7585, 30.7899, 29.5212.



This preview shows how white text looks on a background with the XYZ color 30.7585, 30.7899,

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

30.7585, 30.7899, 29.5212

Protanopia

29.3818, 30.7644, 30.3761

Deuteranopia

31.4488, 30.9159, 29.5091



Tritanopia

32.0625, 30.8666, 35.7205

Trichromacy



Original Color

30.7585, 30.7899, 29.5212

Protanomaly

29.9280, 30.8188, 29.9624

Deuteranomaly

31.2351, 30.8057, 29.4991

Tritanomaly

31.5907, 30.8991, 33.5773

Monochromacy



Original Color

30.7585, 30.7899, 29.5212

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1563, 31.1189, 32.4341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7585, 30.7899, 29.5212 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(165, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 141)  
}
```

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(165, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.7585, 30.7899, 29.5212 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(165, 147, 141) }
```


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

```
.border{ border-color:rgb(165, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7585, 30.7899, 29.5212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 141) }
```

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

```
.background{ background-color: rgb(165,  
147, 141) }
```

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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