

Converting Colors

XYZ(30.3023, 28.9012, 20.6474)

Have a look what the booklet for
XYZ(30.3023, 28.9012, 20.6474)
contains.

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Color

**XYZ(30.2895, 28.9563,
20.5157)**

Conversions

Conversions Part 1

Format	Color
Hex	B08B74
RGB	176, 139, 116
RGB Percent	69%, 55%, 45%
CMY	0.3098, 0.4549, 0.5451
CMYK	0.00, 0.21, 0.34, 0.31
HSL	23°, 28%, 57%
HSV	23°, 34%, 69%
XYZ	30.2895, 28.9563, 20.5157
YIQ	147.4410, 29.4350, 0.6910

Conversions

Conversions Part 2

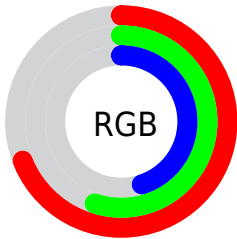
Format	Color
R_{YB}	176, 153, 116
Decimal	11570036
CIE _{Lab}	60.74, 10.74, 17.66
CIE _{LCh}	61, 20.664, 58.702
Yxy	28.9563, 0.3798, 0.3630
Android (android.graphics.Color)	4289760116 (0xFFB08B74)
YUV	147.4410, -15.5004, 25.0462
Hunter-Lab	53.8111, 6.3058, 15.0632

Details

The XYZ color **30.2895, 28.9563, 20.5157** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **26.4298, 29.6291, 45.4003**, and the grayscale version is **27.9702, 29.4268, 32.0458**.

A 20% lighter version of the original color is **59.7421, 58.2907, 45.1483**, and **12.6418, 11.6997, 7.0608** is the 20% darker color. If you saturate the color by 10%, you get **27.8672, 25.5977, 15.1269**, and if you desaturate by 10%, it is **33.0633, 32.7073, 26.9792**.

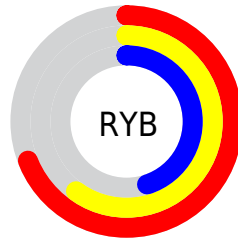
Distribution



Red (69%)

Green (55%)

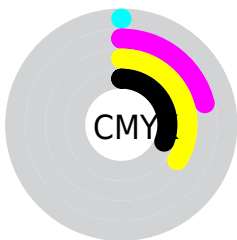
Blue (45%)



Red (69%)

Yellow (60%)

Blue (45%)

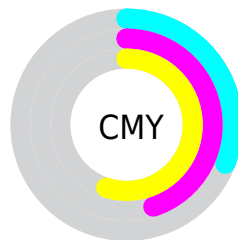


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2895, 28.9563, 20.5157 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 30.2895, 28.9563, 20.5157 by changing the saturation by 10% instead.


 30.2895, 28.9563,
20.5157


 30.2895, 28.9563,
20.5157


295.1372,
297.0087, 267.3894

 20.2076, 19.0478,
12.5827


 59.5032, 58.0076,
45.1504

 12.6552, 11.7048,
7.0145


 79.3657, 77.9192,
62.6891

 7.2669, 6.5430,
3.3926


 103.2191,
101.9340, 84.2669

 3.6774, 3.1780,
1.2984

131.4288,
130.4363, 110.3022

 1.5213, 1.2253,
0.0605

164.3601,
163.8105, 141.2135

 0.3402, 0.0823,
0.0000

202.3783,

 0.0000, 0.0000,

202.4411, 177.4195

0.0000

245.8489,
246.7123, 219.3386

■ 30.2895, 28.9563,
20.5157

■ 30.2895, 28.9563,
20.5157

■ 27.8672, 25.5977,
15.1269

■ 33.0633, 32.7073,
26.9792

■ 25.7786, 22.6138,
10.7518

■ 36.2009, 36.8592,
34.5705

■ 24.0077, 19.9919,
7.3256

■ 39.7164, 41.4255,
43.3410

■ 22.5359, 17.7164,
4.7756

■ 43.6229, 46.4179,
53.3387

■ 21.3425, 15.7706,
3.0178

■ 47.9325, 51.8473,
64.6088

■ 20.4030, 14.1360,
1.9519

■ 52.6568, 57.7245,
77.1940

■ 19.9402, 13.3015,
1.5165

■ 57.8071, 64.0597,
91.1353

■ 63.1026, 70.7463,
104.9373

■ 66.1446, 76.8302,
105.9513

Harmonies

Analogous

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



32.2987, 28.9563, 24.9530



30.2895, 28.9563, 20.5157



27.6391, 28.9563, 18.9461

Triad

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



30.2895, 28.9563, 20.5157



22.6808, 28.9563, 31.1950



30.0743, 28.9563, 46.3414

Complementary

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



30.2895, 28.9563, 20.5157



26.4298, 29.6291, 45.4003

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.



27.4054, 28.9563, 48.7225



30.2895, 28.9563, 20.5157



23.2413, 28.9563, 39.1682

Square

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



30.2895, 28.9563, 20.5157



23.3458, 28.9563, 24.4603



24.9286, 28.9563, 45.9101



32.1689, 28.9563, 39.8418

Rectangle

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



30.2895, 28.9563, 20.5157



25.9011, 28.9563, 19.5043



24.9286, 28.9563, 45.9101



29.2093, 28.9563, 47.6924

Sweetspot

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



30.2902, 28.9577, 20.5163



68.0698, 70.0022, 68.6676



29.8999, 24.0211, 33.1979



14.5662, 14.9287, 14.4206



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.2902, 28.9577, 20.5163



51.5285, 47.8088, 29.5836



35.2450, 38.8671, 22.1679



8.7546, 9.0217, 8.9325



14.6834, 9.8654, 1.1303



0.5195, 0.4253, 0.0547

Inverse Universe

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



26.4298, 29.6291, 45.4003



43.4337, 49.1975, 81.7022



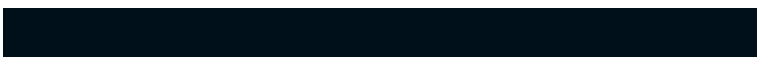
22.1222, 21.0139, 43.9644



8.4636, 9.0733, 10.8116



9.7828, 10.3660, 31.6222



0.3621, 0.4348, 1.0131

Previews

White Background



This preview shows how the XYZ color 30.2895, 28.9563, 20.5157 looks on a white background.

Color Contrast Check

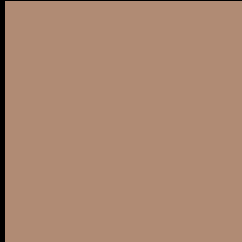
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2895, 28.9563, 20.5157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

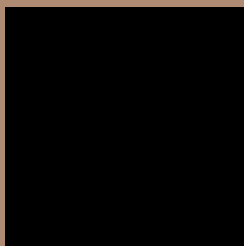
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2895, 28.9563, 20.5157

Background



This preview shows how black text looks on a background with the XYZ color 30.2895, 28.9563, 20.5157.



This preview shows how white text looks on a background with the XYZ color 30.2895, 28.9563,

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

30.2895, 28.9563, 20.5157

Protanopia

27.1866, 28.8824, 21.9113

Deuteranopia

29.4718, 28.9686, 20.5612



Tritanopia

32.3652, 28.9560, 30.6713

Trichromacy



Original Color

30.2895, 28.9563, 20.5157

Protanomaly

28.2565, 28.7634, 21.5154

Deuteranomaly

29.7640, 28.9014, 20.5328

Tritanomaly

31.4673, 28.7945, 26.4536

Monochromacy



Original Color

30.2895, 28.9563, 20.5157

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5177, 28.9932, 27.3858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2895, 28.9563, 20.5157 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(176, 139, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 116)  
}
```

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(176, 139, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 116) }
```

Border

The CSS property to change the border of an element to XYZ 30.2895, 28.9563, 20.5157 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(176, 139, 116) }
```


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

```
.border{ border-color:rgb(176, 139, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 139, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 116);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2895, 28.9563, 20.5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 116) }
```

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

```
.background{ background-color: rgb(176,  
139, 116) }
```

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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