

Converting Colors

XYZ(30.1141, 29.7142, 13.5838)

Have a look what the booklet for
XYZ(30.1141, 29.7142, 13.5838)
contains.

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Color

**XYZ(30.0666, 29.6510,
13.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	B38E59
RGB	179, 142, 89
RGB Percent	70%, 56%, 35%
CMY	0.2980, 0.4431, 0.6510
CMYK	0.00, 0.21, 0.50, 0.30
HSL	35°, 37%, 53%
HSV	35°, 50%, 70%
XYZ	30.0666, 29.6510, 13.5897
YIQ	147.0210, 39.0650, -8.6390

Conversions

Conversions Part 2

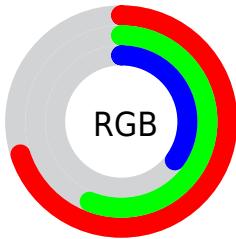
Format	Color
RYB	152, 179, 89
Decimal	11767385
CIELab	61.35, 7.27, 33.42
CIELCh	61, 34.198, 77.725
Yxy	29.6510, 0.4101, 0.4045
Android (android.graphics.Color)	4289957465 (0xFFB38E59)
YUV	147.0210, -28.6044, 28.0456
Hunter-Lab	54.4527, 3.2682, 23.3200

Details

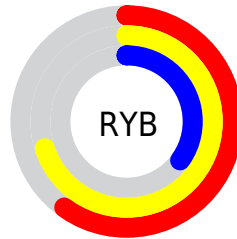
The XYZ color **30.0666, 29.6510, 13.5897** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.7170, 20.2994, 45.5267**, and the grayscale version is **27.8458, 29.2959, 31.9032**.

A 20% lighter version of the original color is **59.3986, 59.3778, 33.1414**, and **12.5572, 12.1065, 3.8654** is the 20% darker color. If you saturate the color by 10%, you get **28.3457, 27.2695, 9.7479**, and if you desaturate by 10%, it is **32.0440, 32.2530, 18.4193**.

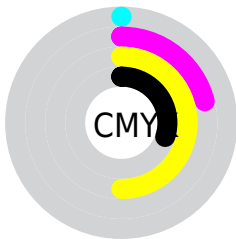
Distribution



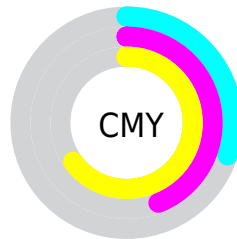
- Red (70%)
- Green (56%)
- Blue (35%)



- Red (60%)
- Yellow (70%)
- Blue (35%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0666, 29.6510, 13.5897 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 30.0666, 29.6510, 13.5897 by changing the saturation by 10% instead.

■ 30.0666, 29.6510,
13.5897

■ 30.0666, 29.6510,
13.5897

294.1190,
300.2743, 226.0021

■ 20.0375, 19.5738,
7.7004

■ 59.1534, 59.1098,
33.0658

■ 12.5307, 12.0856,
3.8188

■ 78.9418, 79.2603,
47.4897

■ 7.1810, 6.8020,
1.5265

■ 102.7139,
103.5373, 65.5954

■ 3.6229, 3.3386,
0.2375

■ 130.8352,
132.3252, 87.8017

■ 1.4911, 1.3110,
0.0000

■ 163.6710,
166.0085, 114.5269

■ 0.3197, 0.1497,
0.0000

201.5867,

■ 0.0000, 0.0000,

204.9715, 146.1897

0.0000

244.9476,
249.5986, 183.2086

■ 30.0666, 29.6510,
13.5897

■ 30.0666, 29.6510,
13.5897

■ 28.3457, 27.2695,
9.7479

■ 32.0440, 32.2530,
18.4193

■ 26.8643, 25.0960,
6.8206

■ 34.2892, 35.0789,
24.2993

■ 25.6064, 23.1231,
4.7273

■ 36.8153, 38.1370,
31.2890

■ 24.5523, 21.3406,
3.3720

■ 39.6339, 41.4340,
39.4429

■ 23.6848, 19.7725,
2.5682

■ 42.7557, 44.9763,
48.8117

■ 46.1911, 48.7698,
59.4434

■ 49.9496, 52.8204,
71.3830

■ 54.0406, 57.1336,
84.6736

■ 58.4729, 61.7147,
99.3561

Harmonies

Analogous

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



34.4277, 29.6510, 17.1745



30.0666, 29.6510, 13.5897



25.6238, 29.6510, 13.9359

Triad

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



30.0666, 29.6510, 13.5897



20.7029, 29.6510, 40.4516



35.0982, 29.6510, 52.0392

Complementary

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



30.0666, 29.6510, 13.5897



19.7170, 20.2994, 45.5267

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.



30.9058, 29.6510, 62.1903



30.0666, 29.6510, 13.5897



22.7421, 29.6510, 54.3685

Square

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



30.0666, 29.6510, 13.5897



20.5296, 29.6510, 27.2873



26.3786, 29.6510, 63.1412



37.5337, 29.6510, 37.8583

Rectangle

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



30.0666, 29.6510, 13.5897



23.2023, 29.6510, 16.3557



26.3786, 29.6510, 63.1412



33.8284, 29.6510, 56.1825

Sweetspot

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



30.0673, 29.6524, 13.5903



68.4053, 71.2156, 63.1098



25.9612, 18.2480, 22.0624



14.9247, 15.5072, 13.3179



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.



30.0673, 29.6524, 13.5903



50.5573, 48.5403, 17.0187



34.8270, 41.6756, 15.6601



8.8983, 9.3091, 8.9804



16.8021, 14.1028, 1.8365



0.5844, 0.5552, 0.0764

Inverse Universe

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



19.7170, 20.2994, 45.5267



29.9833, 29.9762, 80.5869



16.5860, 12.9137, 44.2662



8.3193, 8.7848, 10.7635



7.5213, 5.8430, 30.8684



0.2947, 0.3000, 0.9906

Previews

White Background



This preview shows how the XYZ color 30.0666, 29.6510, 13.5897 looks on a white background.

Color Contrast Check

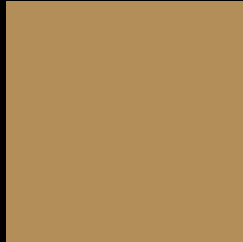
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0666, 29.6510, 13.5897 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 30.0666, 29.6510, 13.5897

Background



This preview shows how black text looks on a background with the XYZ color 30.0666, 29.6510, 13.5897.



This preview shows how white text looks on a background with the XYZ color 30.0666, 29.6510,

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

30.0666, 29.6510, 13.5897

Protanopia

27.3785, 29.6165, 14.1711

Deuteranopia

30.2986, 29.7706, 13.6006



Tritanopia

33.6194, 29.5936, 31.1343

Trichromacy



Original Color

30.0666, 29.6510, 13.5897

Protanomaly

28.2728, 29.6208, 13.9001

Deuteranomaly

30.2986, 29.7706, 13.6006

Tritanomaly

32.0816, 29.6027, 23.4250

Monochromacy



Original Color

30.0666, 29.6510, 13.5897

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1894, 29.1281, 23.8752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0666, 29.6510, 13.5897 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(179, 142, 89)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 89)  
}
```

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(179, 142, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 89) }
```

Border

The CSS property to change the border of an element to XYZ 30.0666, 29.6510, 13.5897 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(179, 142, 89) }
```


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

```
.border{ border-color:rgb(179, 142, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 89);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0666, 29.6510, 13.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 89) }
```

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

```
.background{ background-color: rgb(179,  
142, 89) }
```

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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