

Converting Colors

XYZ(30.5646, 29.9312, 12.5539)

Have a look what the booklet for
XYZ(30.5646, 29.9312, 12.5539)
contains.

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Color

**XYZ(30.5646, 29.9312,
12.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	B68E54
RGB	182, 142, 84
RGB Percent	71%, 56%, 33%
CMY	0.2863, 0.4431, 0.6706
CMYK	0.00, 0.22, 0.54, 0.29
HSL	36°, 40%, 52%
HSV	36°, 54%, 71%
XYZ	30.5646, 29.9312, 12.5539
YIQ	147.3480, 42.4580, -9.5580

Conversions

Conversions Part 2

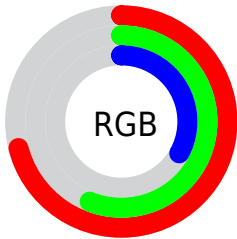
Format	Color
R_{YB}	152, 182, 84
Decimal	11963988
CIE _{Lab}	61.59, 8.09, 36.44
CIE _{LCh}	62, 37.330, 77.477
Yxy	29.9312, 0.4184, 0.4097
Android (android.graphics.Color)	4290154068 (0xFFB68E54)
YUV	147.3480, -31.2306, 30.3898
Hunter-Lab	54.7094, 3.9814, 24.6916

Details

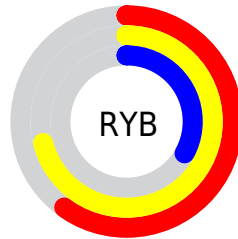
The XYZ color **30.5646, 29.9312, 12.5539** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3069, 19.6766, 47.0360**, and the grayscale version is **27.9910, 29.4487, 32.0697**.

A 20% lighter version of the original color is **60.0483, 59.7544, 31.2905**, and **12.7498, 12.2173, 3.3553** is the 20% darker color. If you saturate the color by 10%, you get **28.8739, 27.5463, 8.9188**, and if you desaturate by 10%, it is **32.5156, 32.5404, 17.1901**.

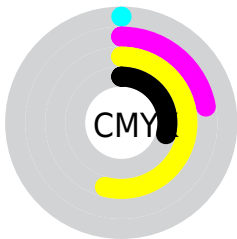
Distribution



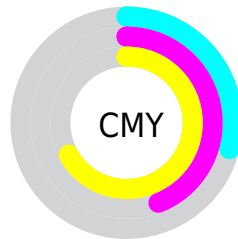
- Red (71%)
- Green (56%)
- Blue (33%)



- Red (60%)
- Yellow (71%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5646, 29.9312, 12.5539 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 30.5646, 29.9312, 12.5539 by changing the saturation by 10% instead.

■ 30.5646, 29.9312,
12.5539

■ 30.5646, 29.9312,
12.5539

296.3902,
301.5836, 219.1450

■ 20.4177, 19.7864,
6.9950

■ 59.9344, 59.5534,
31.1793

■ 12.8091, 12.2399,
3.3806

■ 79.8881, 79.7995,
45.0829

■ 7.3733, 6.9072,
1.2921

■ 103.8414,
104.1815, 62.6052

■ 3.7450, 3.4042,
0.0553

■ 132.1598,
133.0838, 84.1646

■ 1.5589, 1.3462,
0.0000

■ 165.2085,
166.8907, 110.1798

■ 0.3654, 0.1766,
0.0000

203.3529,

■ 0.0000, 0.0000,

205.9868, 141.0692

0.0000

246.9583,
250.7563, 177.2514

■ 30.5646, 29.9312,
12.5539

■ 30.5646, 29.9312,
12.5539

■ 28.8739, 27.5463,
8.9188

■ 32.5156, 32.5404,
17.1901

■ 27.4253, 25.3726,
6.2054

■ 34.7392, 35.3776,
22.8950

■ 26.2011, 23.4019,
4.3247

■ 37.2495, 38.4516,
29.7324

■ 25.1795, 21.6231,
3.1693

■ 40.0586, 41.7695,
37.7606

■ 24.6246, 20.6117,
2.6806

■ 43.1781, 45.3379,
47.0336

■ 46.6189, 49.1632,
57.6024

■ 50.3910, 53.2514,
69.5148

■ 54.5045, 57.6082,
82.8165

■ 58.9684, 62.2394,
97.5508

Harmonies

Analogous

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



35.3849, 29.9312, 16.3353



30.5646, 29.9312, 12.5539



25.6828, 29.9312, 12.8798

Triad

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



30.5646, 29.9312, 12.5539



20.2957, 29.9312, 41.4886



36.0625, 29.9312, 54.7248

Complementary

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



30.5646, 29.9312, 12.5539



19.3069, 19.6766, 47.0360

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.



31.4064, 29.9312, 66.1514



30.5646, 29.9312, 12.5539



22.4839, 29.9312, 57.1141

Square

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



30.5646, 29.9312, 12.5539



20.1261, 29.9312, 27.0252



26.4328, 29.9312, 67.1345



38.7977, 29.9312, 38.8706

Rectangle

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



30.5646, 29.9312, 12.5539



23.0376, 29.9312, 15.3803



26.4328, 29.9312, 67.1345



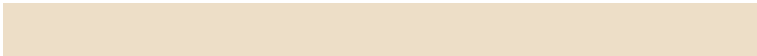
34.6470, 29.9312, 59.3880

Sweetspot

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



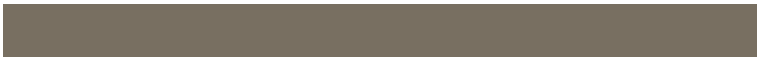
30.5653, 29.9326, 12.5545



71.3401, 74.2279, 64.7257



26.1528, 17.7624, 21.3966



15.5224, 16.1192, 13.6217



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5653, 29.9326, 12.5545



51.7191, 49.0199, 14.9200



35.7465, 43.0753, 14.8182



9.4345, 9.8719, 9.5151



17.4564, 14.6891, 1.9152



0.6746, 0.6363, 0.0873

Inverse Universe

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



19.3069, 19.6766, 47.0360



29.1409, 28.4931, 84.1995



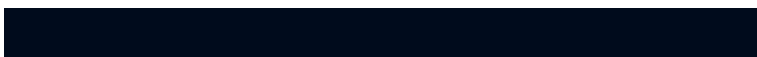
16.0444, 12.0023, 45.7267



8.8140, 9.3052, 11.4110



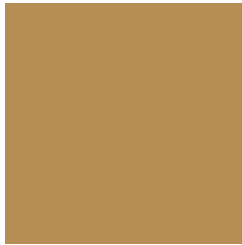
7.7670, 5.9938, 32.0006



0.3351, 0.3338, 1.1485

Previews

White Background



This preview shows how the XYZ color 30.5646, 29.9312, 12.5539 looks on a white background.

Color Contrast Check

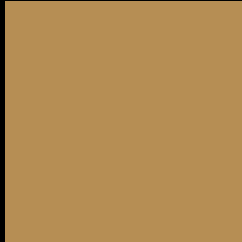
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5646, 29.9312, 12.5539 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 30.5646, 29.9312, 12.5539

Background



This preview shows how black text looks on a background with the XYZ color 30.5646, 29.9312, 12.5539.



This preview shows how white text looks on a background with the XYZ color 30.5646, 29.9312,

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

30.5646, 29.9312, 12.5539

Protanopia

27.5720, 29.9695, 13.3483

Deuteranopia

30.5646, 29.9312, 12.5539



Tritanopia

34.2683, 29.9371, 30.7604

Trichromacy



Original Color

30.5646, 29.9312, 12.5539

Protanomaly

28.5362, 29.7757, 13.0474

Deuteranomaly

30.5646, 29.9312, 12.5539

Tritanomaly

32.6712, 29.9213, 22.7923

Monochromacy



Original Color

30.5646, 29.9312, 12.5539

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2607, 29.1796, 23.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5646, 29.9312, 12.5539 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(182, 142, 84)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 84)  
}
```

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(182, 142, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 84) }
```

Border

The CSS property to change the border of an element to XYZ 30.5646, 29.9312, 12.5539 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(182, 142, 84) }
```


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

```
.border{ border-color:rgb(182, 142, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 84);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5646, 29.9312, 12.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 84) }
```

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

```
.background{ background-color: rgb(182,  
142, 84) }
```

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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