

Converting Colors

XYZ(30.5052, 30.6466, 28.0510)

Have a look what the booklet for
XYZ(30.5052, 30.6466, 28.0510)
contains.

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Color

**XYZ(30.4661, 30.6729,
27.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	A59389
RGB	165, 147, 137
RGB Percent	65%, 58%, 54%
CMY	0.3529, 0.4235, 0.4627
CMYK	0.00, 0.11, 0.17, 0.35
HSL	21°, 13%, 59%
HSV	21°, 17%, 65%
XYZ	30.4661, 30.6729, 27.9816
YIQ	151.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

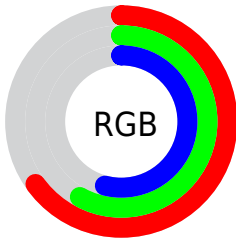
Format	Color
RYB	165, 153, 137
Decimal	10851209
CIELab	62.23, 4.99, 7.73
CIELCh	62, 9.194, 57.161
Yxy	30.6729, 0.3419, 0.3442
Android (android.graphics.Color)	4289041289 (0xFFA59389)
YUV	151.2420, -7.0213, 12.0658
Hunter-Lab	55.3831, 1.2719, 8.8127

Details

The XYZ color **30.4661, 30.6729, 27.9816** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8292, 31.4769, 40.1537**, and the grayscale version is **29.5447, 31.0833, 33.8497**.

A 20% lighter version of the original color is **59.6961, 60.7066, 57.2864**, and **12.7132, 12.5646, 10.7720** is the 20% darker color. If you saturate the color by 10%, you get **27.7982, 27.0885, 21.6926**, and if you desaturate by 10%, it is **33.4687, 34.6365, 35.2760**.

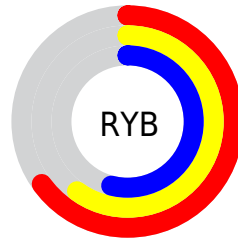
Distribution



Red (65%)

Green (58%)

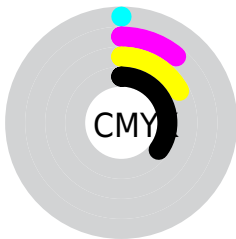
Blue (54%)



Red (65%)

Yellow (60%)

Blue (54%)

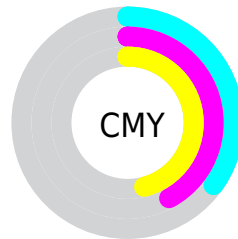


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4661, 30.6729, 27.9816 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 30.4661, 30.6729, 27.9816 by changing the saturation by 10% instead.

■ 30.4661, 30.6729,
27.9816

■ 30.4661, 30.6729,
27.9816

295.9420,
305.0285, 306.2882

■ 20.3425, 20.3499,
18.0729

■ 59.7801, 60.7247,
57.4778

■ 12.7539, 12.6496,
10.8323

■ 79.7012, 81.2223,
77.9024

■ 7.3352, 7.1877,
5.8415

■ 103.6188,
105.8802, 102.6693

■ 3.7208, 3.5798,
2.6817

131.8982,
135.0829, 132.1971

■ 1.5454, 1.4414,
0.9342

164.9049,
169.2146, 166.9044

■ 0.3564, 0.2469,
0.0000

203.0042,

■ 0.0000, 0.0000,

208.6599, 207.2096

0.0000

246.5615,
253.8031, 253.5313

■ 30.4661, 30.6729,
27.9816

■ 30.4661, 30.6729,
27.9816

■ 27.7982, 27.0885,
21.6926

■ 33.4687, 34.6365,
35.2760

■ 25.4504, 23.8679,
16.3625

■ 36.8152, 38.9863,
43.6155

■ 23.4102, 21.0002,
11.9441

■ 40.5175, 43.7339,
53.0402

■ 21.6637, 18.4728,
8.3852

■ 44.5859, 48.8896,
63.5874

■ 20.1956, 16.2719,
5.6284

■ 49.0307, 54.4629,
75.2925

■ 18.9889, 14.3830,
3.6092

■ 53.8615, 60.4632,
88.1896

■ 18.0245, 12.7900,
2.2528

■ 59.0875, 66.8996,
102.3112

■ 17.2760, 11.4733,
1.4476

■ 62.3804, 72.8459,
105.3806

■ 17.0784, 11.1220,
1.2466

■ 65.4537, 78.9926,
106.4051

Harmonies

Analogous

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



31.3274, 30.6729, 30.3759



30.4661, 30.6729, 27.9816



29.2720, 30.6729, 27.0301

Triad

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



30.4661, 30.6729, 27.9816



26.8361, 30.6729, 33.0604



30.2559, 30.6729, 39.8502

Complementary

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



30.4661, 30.6729, 27.9816



28.8292, 31.4769, 40.1537

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.



29.0357, 30.6729, 40.6939



30.4661, 30.6729, 27.9816



27.0829, 30.6729, 36.6133

Square

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



30.4661, 30.6729, 27.9816



27.1956, 30.6729, 29.8291



27.8795, 30.6729, 39.4709



31.2036, 30.6729, 37.2398

Rectangle

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



30.4661, 30.6729, 27.9816



28.4557, 30.6729, 27.2877



27.8795, 30.6729, 39.4709



29.8630, 30.6729, 40.3575

Sweetspot

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



30.4669, 30.6743, 27.9822



61.0175, 63.4405, 65.8358



30.3962, 28.2643, 34.9523



13.2557, 13.7597, 14.1856



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.



30.4669, 30.6743, 27.9822



52.8744, 52.6790, 46.0895



32.7426, 35.2256, 28.7408



7.2712, 7.4808, 7.4408



12.9636, 8.5011, 0.9576



0.3159, 0.2656, 0.0346

Inverse Universe

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



28.8292, 31.4769, 40.1537



49.4355, 54.3622, 71.6398



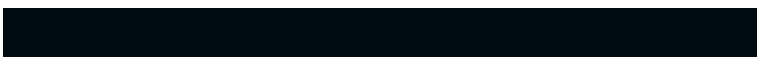
26.6628, 27.1442, 39.4316



7.0622, 7.5834, 8.9946



9.0894, 9.9582, 28.3728



0.2331, 0.2935, 0.6102

Previews

White Background



This preview shows how the XYZ color 30.4661, 30.6729, 27.9816 looks on a white background.

Color Contrast Check

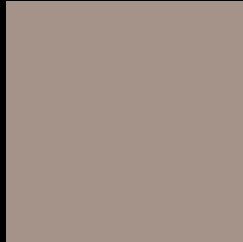
Large Text (above 18pt) WCAG AA × Fail

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 30.4661, 30.6729, 27.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

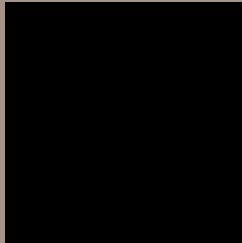
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4661, 30.6729, 27.9816

Background



This preview shows how black text looks on a background with the XYZ color 30.4661, 30.6729, 27.9816.



This preview shows how white text looks on a background with the XYZ color 30.4661, 30.6729,

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

30.4661, 30.6729, 27.9816

Protanopia

29.2768, 30.7447, 28.8174

Deuteranopia

31.2183, 30.6030, 27.9285



Tritanopia

31.9104, 30.5623, 35.6697

Trichromacy



Original Color

30.4661, 30.6729, 27.9816

Protanomaly

29.6330, 30.7008, 28.4088

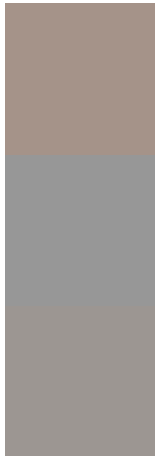
Deuteranomaly

30.9427, 30.6887, 27.9596

Tritanomaly

31.2761, 30.5277, 32.6778

Monochromacy



Original Color

30.4661, 30.6729, 27.9816

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8050, 30.9559, 31.5983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4661, 30.6729, 27.9816 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, 137) looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 137) }
```

Border

The CSS property to change the border of an element to XYZ 30.4661, 30.6729, 27.9816 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, 137) }
```


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

```
.border{ border-color:rgb(165, 147, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4661, 30.6729, 27.9816 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, 137) }
```

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

```
.background{ background-color: rgb(165,  
147, 137) }
```

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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