

Converting Colors

XYZ(30.3053, 28.5279, 21.0528)

Have a look what the booklet for
XYZ(30.3053, 28.5279, 21.0528)
contains.

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Color

**XYZ(30.3471, 28.5464,
21.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	B18976
RGB	177, 137, 118
RGB Percent	69%, 54%, 46%
CMY	0.3059, 0.4627, 0.5373
CMYK	0.00, 0.23, 0.33, 0.31
HSL	19°, 27%, 58%
HSV	19°, 33%, 69%
XYZ	30.3471, 28.5464, 21.0501
YIQ	146.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

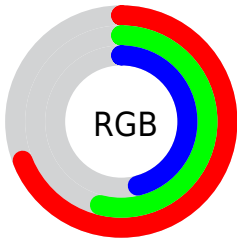
Format	Color
R_{YB}	177, 146, 118
Decimal	11635062
CIE Lab	60.38, 12.52, 16.04
CIE LCh	60, 20.350, 52.032
Yxy	28.5464, 0.3796, 0.3571
Android (android.graphics.Color)	4289825142 (0xFFB18976)
YUV	146.7940, -14.1954, 26.4907
Hunter-Lab	53.4288, 7.8860, 14.0409

Details

The XYZ color **30.3471, 28.5464, 21.0501** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.6335, 31.4786, 46.2145**, and the grayscale version is **27.6968, 29.1391, 31.7325**.

A 20% lighter version of the original color is **59.6008, 57.2216, 45.9338**, and **12.6821, 11.4695, 7.3398** is the 20% darker color. If you saturate the color by 10%, you get **27.7806, 24.9417, 15.4832**, and if you desaturate by 10%, it is **33.3022, 32.6122, 27.7209**.

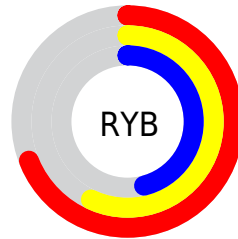
Distribution



Red (69%)

Green (54%)

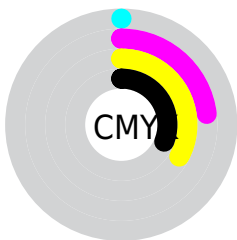
Blue (46%)



Red (69%)

Yellow (57%)

Blue (46%)

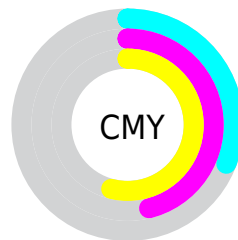


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3471, 28.5464, 21.0501 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 30.3471, 28.5464, 21.0501 by changing the saturation by 10% instead.


 30.3471, 28.5464,
21.0501


 30.3471, 28.5464,
21.0501


295.3999,
295.0687, 270.3344

 20.2516, 18.7379,
12.9690


 59.5935, 57.3556,
46.0528

 12.6874, 11.4811,
7.2767


 79.4752, 77.1252,
63.8115

 7.2891, 6.3914,
3.5547


 103.3495,
100.9839, 85.6331

 3.6915, 3.0845,
1.3844

131.5820,
129.3162, 111.9362

 1.5291, 1.1760,
0.1295

164.5379,
162.5064, 143.1394

 0.3455, 0.0420,
0.0000

202.5826,

 0.0000, 0.0000,

200.9390, 179.6611

0.0000

246.0815,
244.9983, 221.9199

■ 30.3471, 28.5464,
21.0501

■ 30.3471, 28.5464,
21.0501

■ 27.7806, 24.9417,
15.4832

■ 33.3022, 32.6122,
27.7209

■ 25.5833, 21.7772,
10.9582

■ 36.6597, 37.1508,
35.5497

■ 23.7372, 19.0365,
7.4094


■ 40.4356, 42.1788,
44.5888


■ 22.2217, 16.7002,
4.7629


■ 44.6442, 47.7106,
54.8871


■ 21.0141, 14.7475,
2.9341


■ 49.2991, 53.7598,
66.4906


 20.0875, 13.1550,
1.8219

 54.4133, 60.3397,
79.4430

 19.5951, 12.2745,
1.3364

 59.9992, 67.4632,
93.7860

 65.3191, 74.8425,
105.6111

 68.8322, 81.8686,
106.7821

Harmonies

Analogous

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



32.0688, 28.5464, 25.9841



30.3471, 28.5464, 21.0501



27.8359, 28.5464, 18.8843

Triad

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



30.3471, 28.5464, 21.0501



22.4485, 28.5464, 29.1272



29.0640, 28.5464, 46.4441

Complementary

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



30.3471, 28.5464, 21.0501



27.6335, 31.4786, 46.2145

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.



26.4410, 28.5464, 47.6479



30.3471, 28.5464, 21.0501



22.7307, 28.5464, 36.8069

Square

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



30.3471, 28.5464, 21.0501



23.3561, 28.5464, 23.0333



24.1533, 28.5464, 43.8821



31.2954, 28.5464, 40.8167

Rectangle

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



30.3471, 28.5464, 21.0501



26.0971, 28.5464, 19.0119



24.1533, 28.5464, 43.8821



28.1949, 28.5464, 47.4123

Sweetspot

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



30.3478, 28.5477, 21.0507



67.7123, 69.2872, 68.5484



30.8089, 24.7838, 35.6510



14.4794, 14.7551, 14.3916



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.



30.3478, 28.5477, 21.0507



50.9066, 46.3026, 30.1853



35.0712, 37.9944, 22.6251



8.7124, 8.9374, 8.9184



14.2470, 8.9925, 0.9848



0.5025, 0.3914, 0.0491

Inverse Universe

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



27.6335, 31.4786, 46.2145



45.2829, 52.3397, 82.2112



23.2334, 22.6785, 44.7478



8.5073, 9.1608, 10.8262



10.6719, 12.1441, 31.9186



0.3858, 0.4822, 1.0210

Previews

White Background



This preview shows how the XYZ color 30.3471, 28.5464, 21.0501 looks on a white background.

Color Contrast Check

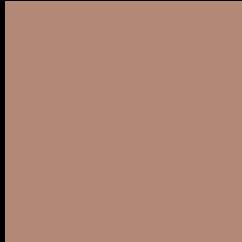
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3471, 28.5464, 21.0501 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 30.3471, 28.5464, 21.0501

Background



This preview shows how black text looks on a background with the XYZ color 30.3471, 28.5464, 21.0501.



This preview shows how white text looks on a background with the XYZ color 30.3471, 28.5464,

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

30.3471, 28.5464, 21.0501

Protanopia

26.9647, 28.5260, 22.4972

Deuteranopia

29.1665, 28.5866, 20.8101



Tritanopia

32.2440, 28.4920, 30.1856

Trichromacy



Original Color

30.3471, 28.5464, 21.0501

Protanomaly

28.0245, 28.4079, 22.0954

Deuteranomaly

29.6771, 28.6338, 20.7924

Tritanomaly

31.4887, 28.3832, 26.7405

Monochromacy



Original Color

30.3471, 28.5464, 21.0501

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3669, 28.6916, 27.3355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3471, 28.5464, 21.0501 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(177, 137, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 137, 118)  
}
```

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(177, 137, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 137, 118) }
```

Border

The CSS property to change the border of an element to XYZ 30.3471, 28.5464, 21.0501 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(177, 137, 118) }
```


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

```
.border{ border-color:rgb(177, 137, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 137, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 137, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 137, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 137,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3471, 28.5464, 21.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 137, 118) }
```

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

```
.background{ background-color: rgb(177,  
137, 118) }
```

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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