

Converting Colors

XYZ(30.6119, 28.8832, 21.7316)

Have a look what the booklet for
XYZ(30.6119, 28.8832, 21.7316)
contains.

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Color

**XYZ(30.6101, 28.8801,
21.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	B18A78
RGB	177, 138, 120
RGB Percent	69%, 54%, 47%
CMY	0.3059, 0.4588, 0.5294
CMYK	0.00, 0.22, 0.32, 0.31
HSL	19°, 27%, 58%
HSV	19°, 32%, 69%
XYZ	30.6101, 28.8801, 21.7304
YIQ	147.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

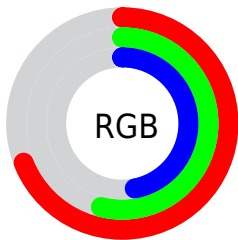
Format	Color
R_{YB}	177, 146, 120
Decimal	11635320
CIE Lab	60.68, 12.23, 15.32
CIE LCh	61, 19.602, 51.411
Yxy	28.8801, 0.3769, 0.3556
Android (android.graphics.Color)	4289825400 (0xFFB18A78)
YUV	147.6090, -13.6112, 25.7759
Hunter-Lab	53.7402, 7.6272, 13.6436

Details

The XYZ color **30.6101, 28.8801, 21.7304** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.0793, 31.9627, 46.2846**, and the grayscale version is **28.0325, 29.4924, 32.1172**.

A 20% lighter version of the original color is **60.0089, 57.7326, 47.0104**, and **12.7954, 11.6453, 7.5346** is the 20% darker color. If you saturate the color by 10%, you get **27.9922, 25.2073, 16.0390**, and if you desaturate by 10%, it is **33.6219, 33.0225, 28.5334**.

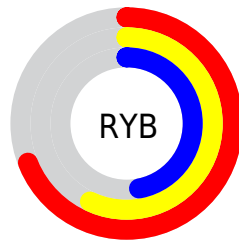
Distribution



Red (69%)

Green (54%)

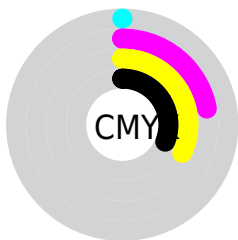
Blue (47%)



Red (69%)

Yellow (57%)

Blue (47%)

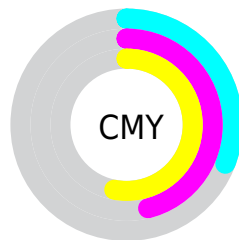


Cyan (0%)

Magenta (22%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6101, 28.8801, 21.7304 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 30.6101, 28.8801, 21.7304 by changing the saturation by 10% instead.


 30.6101, 28.8801,
21.7304

 30.6101, 28.8801,
21.7304


296.5971,
296.6488, 274.0425

 20.4525, 18.9901,
13.4625


 60.0057, 57.8865,
47.1965

 12.8346, 11.6632,
7.6133


 79.9744, 77.7718,
65.2317

 7.3909, 6.5147,
3.7643


 103.9443,
101.7576, 87.3599

 3.7563, 3.1605,
1.4970

132.2805,
130.2284, 113.9994

 1.5652, 1.2161,
0.2157

165.3486,
163.5685, 145.5689

 0.3696, 0.0748,
0.0000

203.5138,

 0.0000, 0.0000,

202.1623, 182.4869

0.0000

247.1415,
246.3943, 225.1719

■ 30.6101, 28.8801,
21.7304

■ 30.6101, 28.8801,
21.7304

■ 27.9922, 25.2073,
16.0390

■ 33.6219, 33.0225,
28.5334

■ 25.7485, 21.9830,
11.3975

■ 37.0414, 37.6466,
36.5015

■ 23.8613, 19.1904,
7.7411

■ 40.8845, 42.7690,
45.6869

■ 22.3099, 16.8100,
4.9968

■ 45.1658, 48.4044,
56.1381

■ 21.0715, 14.8207,
3.0813

■ 49.8989, 54.5667,
67.9009

■ 20.1197, 13.1989,
1.8956

■ 55.0968, 61.2695,
81.0187

■ 19.5411, 12.1664,
1.3184

■ 60.7721, 68.5256,
95.5331

■ 65.8555, 75.9151,
105.7899

■ 69.4390, 83.0822,
106.9844

Harmonies

Analogous

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



32.2524, 28.8801, 26.6107



30.6101, 28.8801, 21.7304



28.1856, 28.8801, 19.5434

Triad

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



30.6101, 28.8801, 21.7304



22.8980, 28.8801, 29.4024



29.2715, 28.8801, 46.3481

Complementary

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



30.6101, 28.8801, 21.7304



28.0793, 31.9627, 46.2846

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.



26.7267, 28.8801, 47.4031



30.6101, 28.8801, 21.7304



23.1491, 28.8801, 36.8332

Square

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



30.6101, 28.8801, 21.7304



23.8063, 28.8801, 23.5030



24.5146, 28.8801, 43.6949



31.4470, 28.8801, 41.0018

Rectangle

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



30.6101, 28.8801, 21.7304



26.4947, 28.8801, 19.6306



24.5146, 28.8801, 43.6949



28.4273, 28.8801, 47.2460

Sweetspot

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



30.6109, 28.8815, 21.7310



67.6761, 69.2147, 68.5363



31.1846, 25.3149, 36.4547



14.4706, 14.7375, 14.3887



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.



30.6109, 28.8815, 21.7310



51.2578, 46.7370, 31.1286



35.0854, 37.8306, 23.2225



8.7082, 8.9288, 8.9170



14.2072, 8.9129, 0.9716



0.5008, 0.3879, 0.0485

Inverse Universe

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



28.0793, 31.9627, 46.2846



45.9674, 53.1406, 82.3297



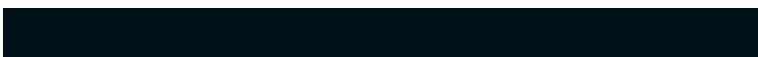
23.8520, 23.5080, 44.8754



8.5118, 9.1697, 10.8276



10.7683, 12.3369, 31.9507



0.3883, 0.4872, 1.0218

Previews

White Background



This preview shows how the XYZ color 30.6101, 28.8801, 21.7304 looks on a white background.

Color Contrast Check

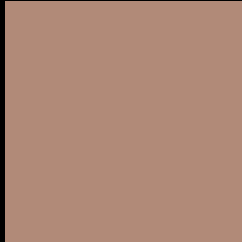
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6101, 28.8801, 21.7304 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 30.6101, 28.8801, 21.7304

Background



This preview shows how black text looks on a background with the XYZ color 30.6101, 28.8801, 21.7304.



This preview shows how white text looks on a background with the XYZ color 30.6101, 28.8801,

21.7304.

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

30.6101, 28.8801, 21.7304

Protanopia

27.2434, 28.8830, 23.2079

Deuteranopia

29.4322, 28.9277, 21.4851



Tritanopia

32.4583, 28.7978, 30.6359

Trichromacy



Original Color

30.6101, 28.8801, 21.7304

Protanomaly

28.2979, 28.7564, 22.7980

Deuteranomaly

29.9414, 28.9723, 21.4669

Tritanomaly

31.6983, 28.6892, 27.1594

Monochromacy



Original Color

30.6101, 28.8801, 21.7304

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8588, 29.1524, 28.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6101, 28.8801, 21.7304 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, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(177, 138, 120)  
}
```

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, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 138, 120) }
```

Border

The CSS property to change the border of an element to XYZ 30.6101, 28.8801, 21.7304 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, 138, 120) }
```


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

```
.border{ border-color:rgb(177, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(177, 138,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6101, 28.8801, 21.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 138, 120) }
```

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

```
.background{ background-color: rgb(177,  
138, 120) }
```

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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