

Converting Colors

XYZ(30.6614, 28.6381, 26.6880)

Have a look what the booklet for
XYZ(30.6614, 28.6381, 26.6880)
contains.

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Color

**XYZ(30.5524, 28.5248,
26.8172)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8987
RGB	173, 137, 135
RGB Percent	68%, 54%, 53%
CMY	0.3216, 0.4627, 0.4706
CMYK	0.00, 0.21, 0.22, 0.32
HSL	3°, 19%, 60%
HSV	3°, 22%, 68%
XYZ	30.5524, 28.5248, 26.8172
YIQ	147.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

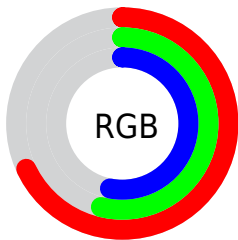
Format	Color
R_{YB}	173, 137, 135
Decimal	11372935
CIE Lab	60.36, 13.37, 6.29
CIE LCh	60, 14.777, 25.188
Yxy	28.5248, 0.3557, 0.3321
Android (android.graphics.Color)	4289563015 (0xFFAD8987)
YUV	147.5360, -6.1802, 22.3319
Hunter-Lab	53.4086, 8.6459, 7.6157

Details

The XYZ color **30.5524, 28.5248, 26.8172** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0971, 37.2929, 45.0419**, and the grayscale version is **27.9743, 29.4311, 32.0505**.

A 20% lighter version of the original color is **59.8037, 57.1158, 55.4494**, and **12.7936, 11.4653, 10.1331** is the 20% darker color. If you saturate the color by 10%, you get **27.2768, 23.7668, 20.1963**, and if you desaturate by 10%, it is **34.3814, 34.0722, 34.5997**.

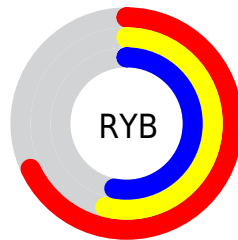
Distribution



Red (68%)

Green (54%)

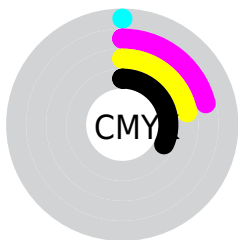
Blue (53%)



Red (68%)

Yellow (54%)

Blue (53%)

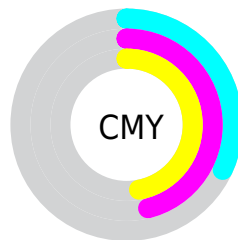


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5524, 28.5248, 26.8172 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 30.5524, 28.5248, 26.8172 by changing the saturation by 10% instead.


 30.5524, 28.5248,
26.8172


 30.5524, 28.5248,
26.8172


296.3347,
294.9662, 300.5031


 20.4084, 18.7216,
17.2048


 59.9153, 57.3212,
55.5906

 12.8022, 11.4693,
10.2171


 79.8650, 77.0833,
75.5886

 7.3686, 6.3834,
5.4356


 103.8139,
100.9337, 99.8855

 3.7420, 3.0796,
2.4419

132.1274,
129.2570, 128.8999

 1.5572, 1.1734,
0.8091

165.1709,
162.4375, 163.0503

 0.3643, 0.0398,
0.0000

203.3097,

 0.0000, 0.0000,

200.8596, 202.7553

0.0000

246.9092,
244.9077, 248.4334

■ 30.5524, 28.5248,
26.8172

■ 30.5524, 28.5248,
26.8172

■ 27.2768, 23.7668,
20.1963

■ 34.3814, 34.0722,
34.5997

■ 24.5267, 19.7588,
14.6797

■ 38.7852, 40.4386,
43.5939

■ 22.2755, 16.4636,
10.2078

■ 43.7871, 47.6567,
53.8490

■ 20.4933, 13.8395,
6.7147

■ 49.4082, 55.7562,
65.4112

■ 19.1468, 11.8403,
4.1271

■ 55.6687, 64.7655,
78.3242

■ 18.1986, 10.4141,
2.3612

■ 62.5879, 74.7117,
92.6295

■ 17.6047, 9.5006,
1.3179

■ 70.0063, 85.5495,
107.4307

■ 17.3327, 9.0823,
0.8395

■ 71.0437, 87.6243,
107.7765

Harmonies

Analogous

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



30.9159, 28.5248, 31.9443



30.5524, 28.5248, 26.8172



29.2505, 28.5248, 23.2394

Triad

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



30.5524, 28.5248, 26.8172



24.2231, 28.5248, 25.4628



26.8068, 28.5248, 42.6885

Complementary

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



30.5524, 28.5248, 26.8172



32.0971, 37.2929, 45.0419

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.



25.0803, 28.5248, 40.4603



30.5524, 28.5248, 26.8172



23.6336, 28.5248, 30.1895

Square

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



30.5524, 28.5248, 26.8172



25.5874, 28.5248, 22.5238



23.9400, 28.5248, 35.7253



28.6959, 28.5248, 41.5158

Rectangle

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



30.5524, 28.5248, 26.8172



28.0563, 28.5248, 22.0057



23.9400, 28.5248, 35.7253



26.1891, 28.5248, 42.3056

Sweetspot

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



30.5532, 28.5261, 26.8178



65.2634, 66.3561, 69.4901



33.2580, 29.1566, 42.4532



14.0869, 14.2814, 14.9051



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.5532, 28.5261, 26.8178



51.9652, 47.0915, 42.4540



33.4787, 34.3772, 27.7930



8.0379, 8.0806, 8.3494



12.7467, 6.6990, 0.6212



0.3653, 0.2078, 0.0209

Inverse Universe

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



32.0971, 37.2929, 45.0419



55.1886, 65.4009, 80.5206



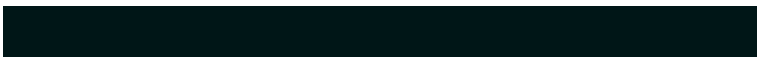
28.7793, 30.6573, 43.9360



8.1996, 8.9986, 10.2574



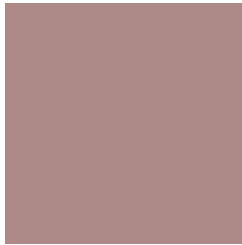
15.2917, 21.7172, 32.4304



0.4361, 0.6256, 0.9058

Previews

White Background



This preview shows how the XYZ color 30.5524, 28.5248, 26.8172 looks on a white background.

Color Contrast Check

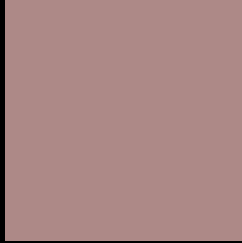
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5524, 28.5248, 26.8172 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 30.5524, 28.5248, 26.8172

Background



This preview shows how black text looks on a background with the XYZ color 30.5524, 28.5248, 26.8172.



This preview shows how white text looks on a background with the XYZ color 30.5524, 28.5248,

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

30.5524, 28.5248, 26.8172

Protanopia

27.3633, 28.5989, 28.5040

Deuteranopia

29.1378, 28.6635, 26.5511



Tritanopia

31.3078, 28.4019, 31.0261

Trichromacy



Original Color

30.5524, 28.5248, 26.8172

Protanomaly

28.3610, 28.4501, 28.0414

Deuteranomaly

29.6175, 28.6929, 26.5315

Tritanomaly

31.1422, 28.5600, 29.4624

Monochromacy



Original Color

30.5524, 28.5248, 26.8172

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8358, 29.0978, 30.0832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5524, 28.5248, 26.8172 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(173, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 135)  
}
```

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(173, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.5524, 28.5248, 26.8172 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(173, 137, 135) }
```


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

```
.border{ border-color:rgb(173, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5524, 28.5248, 26.8172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 135) }
```

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

```
.background{ background-color: rgb(173,  
137, 135) }
```

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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