

Converting Colors

XYZ(30.3354, 28.6411, 26.1197)

Have a look what the booklet for
XYZ(30.3354, 28.6411, 26.1197)
contains.

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Color

**XYZ(30.3354, 28.6411,
26.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A85
RGB	172, 138, 133
RGB Percent	67%, 54%, 52%
CMY	0.3255, 0.4588, 0.4784
CMYK	0.00, 0.20, 0.23, 0.33
HSL	8°, 19%, 60%
HSV	8°, 23%, 67%
XYZ	30.3354, 28.6411, 26.1197
YIQ	147.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

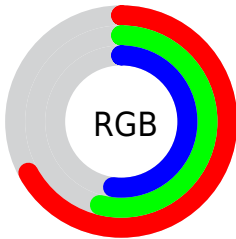
Format	Color
R_{YB}	172, 139, 133
Decimal	11307653
CIE _{Lab}	60.46, 12.11, 7.56
CIE _{LCh}	60, 14.280, 31.984
Yxy	28.6411, 0.3565, 0.3366
Android (android.graphics.Color)	4289497733 (0xFFAC8A85)
YUV	147.5960, -7.1958, 21.4023
Hunter-Lab	53.5174, 7.5242, 8.5251

Details

The XYZ color **30.3354, 28.6411, 26.1197** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9376, 35.6015, 44.2712**, and the grayscale version is **28.0034, 29.4618, 32.0839**.

A 20% lighter version of the original color is **59.7075, 57.7384, 54.4521**, and **12.6977, 11.5415, 9.9460** is the 20% darker color. If you saturate the color by 10%, you get **27.2385, 24.1957, 19.6969**, and if you desaturate by 10%, it is **33.9255, 33.7609, 33.6675**.

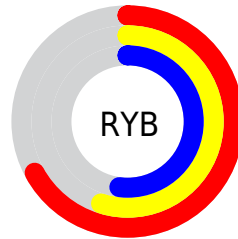
Distribution



Red (67%)

Green (54%)

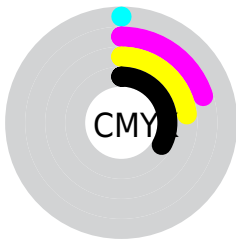
Blue (52%)



Red (67%)

Yellow (55%)

Blue (52%)

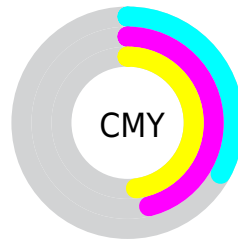


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3354, 28.6411, 26.1197 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 30.3354, 28.6411, 26.1197 by changing the saturation by 10% instead.


 30.3354, 28.6411,
26.1197


 30.3354, 28.6411,
26.1197


295.3466,
295.5178, 296.9933


 20.2426, 18.8095,
16.6866


 59.5752, 57.5064,
54.4544

 12.6808, 11.5327,
9.8517


 79.4529, 77.3088,
74.1932

 7.2846, 6.4263,
5.1964

 103.3230,
101.2037, 98.2043

 3.6886, 3.1060,
2.3022

131.5509,
129.5753, 126.9062

 1.5275, 1.1873,
0.7325

164.5018,
162.8082, 160.7176

 0.3445, 0.0513,
0.0000

202.5411,

 0.0000, 0.0000,

201.2866, 200.0568

0.0000

246.0343,
245.3950, 245.3426

■ 30.3354, 28.6411,
26.1197

■ 30.3354, 28.6411,
26.1197

■ 27.2385, 24.1957,
19.6969

■ 33.9255, 33.7609,
33.6675

■ 24.6109, 20.3928,
14.3436

■ 38.0266, 39.5776,
42.3889

■ 22.4301, 17.2038,
10.0021

■ 42.6585, 46.1172,
52.3316

■ 20.6711, 14.5963,
6.6084

■ 47.8395, 53.4036,
63.5403

■ 19.3061, 12.5351,
4.0914

■ 53.5867, 61.4593,
76.0572

■ 18.3039, 10.9810,
2.3698

■ 59.9166, 70.3059,
89.9227

■ 17.6287, 9.8893,
1.3471

■ 66.8450, 79.9642,
105.1755

■ 17.3016, 9.3471,
0.8923

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



30.9141, 28.6411, 30.8357



30.3354, 28.6411, 26.1197



28.9186, 28.6411, 23.0673

Triad

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



30.3354, 28.6411, 26.1197



24.2167, 28.6411, 26.6634



27.3452, 28.6411, 42.4488

Complementary

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



30.3354, 28.6411, 26.1197



30.9376, 35.6015, 44.2712

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.



25.5941, 28.6411, 41.0142



30.3354, 28.6411, 26.1197



23.8371, 28.6411, 31.5375

Square

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



30.3354, 28.6411, 26.1197



25.3910, 28.6411, 23.3554



24.3302, 28.6411, 36.8668



29.1401, 28.6411, 40.5945

Rectangle

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



30.3354, 28.6411, 26.1197



27.7189, 28.6411, 22.1884



24.3302, 28.6411, 36.8668



26.7321, 28.6411, 42.3348

Sweetspot

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



30.3362, 28.6424, 26.1203



65.5567, 66.9427, 69.5879



32.4178, 28.3527, 40.5420



14.1552, 14.4181, 14.9279



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.



30.3362, 28.6424, 26.1203



52.2222, 47.9322, 41.5324



33.3126, 34.5953, 27.1124



8.0850, 8.1748, 8.3651



12.8987, 7.0028, 0.6718



0.3842, 0.2455, 0.0271

Inverse Universe

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



30.9376, 35.6015, 44.2712



53.4967, 62.7096, 80.0904



27.7016, 29.1296, 43.1925



8.1474, 8.8941, 10.2400



13.6775, 18.4889, 31.8923



0.4044, 0.5622, 0.8952

Previews

White Background



This preview shows how the XYZ color 30.3354, 28.6411, 26.1197 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 30.3354, 28.6411, 26.1197 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 30.3354, 28.6411, 26.1197

Background



This preview shows how black text looks on a background with the XYZ color 30.3354, 28.6411, 26.1197.



This preview shows how white text looks on a background with the XYZ color 30.3354, 28.6411,

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

30.3354, 28.6411, 26.1197

Protanopia

27.4033, 28.6363, 27.7500

Deuteranopia

29.2068, 28.7150, 25.8330



Tritanopia

31.4480, 28.6823, 31.0729

Trichromacy



Original Color

30.3354, 28.6411, 26.1197

Protanomaly

28.4150, 28.4945, 27.2949

Deuteranomaly

29.6914, 28.7469, 25.8136

Tritanomaly

30.9870, 28.6986, 29.1055

Monochromacy



Original Color

30.3354, 28.6411, 26.1197

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 30.3354, 28.6411, 26.1197 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(172, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 133)  
}
```

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(172, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.3354, 28.6411, 26.1197 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(172, 138, 133) }
```


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

```
.border{ border-color:rgb(172, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3354, 28.6411, 26.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 133) }
```

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

```
.background{ background-color: rgb(172,  
138, 133) }
```

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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