

Converting Colors

XYZ(30.0711, 28.5345, 25.1268)

Have a look what the booklet for
XYZ(30.0711, 28.5345, 25.1268)
contains.

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Color

**XYZ(30.1310, 28.5593,
25.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A82
RGB	172, 138, 130
RGB Percent	67%, 54%, 51%
CMY	0.3255, 0.4588, 0.4902
CMYK	0.00, 0.20, 0.24, 0.33
HSL	11°, 20%, 59%
HSV	11°, 24%, 67%
XYZ	30.1310, 28.5593, 25.0435
YIQ	147.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

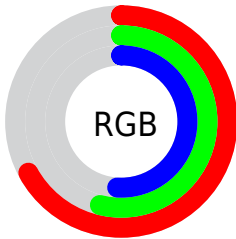
Format	Color
R_{YB}	172, 140, 130
Decimal	11307650
CIE _{Lab}	60.39, 11.66, 9.17
CIE _{LCh}	60, 14.831, 38.187
Yxy	28.5593, 0.3598, 0.3411
Android (android.graphics.Color)	4289497730 (0xFFAC8A82)
YUV	147.2540, -8.5062, 21.7022
Hunter-Lab	53.4409, 7.1201, 9.6241

Details

The XYZ color **30.1310, 28.5593, 25.0435** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9275, 34.2744, 44.0682**, and the grayscale version is **27.8664, 29.3176, 31.9269**.

A 20% lighter version of the original color is **59.1730, 57.1745, 52.7168**, and **12.5827, 11.4955, 9.3402** is the 20% darker color. If you saturate the color by 10%, you get **27.2007, 24.3943, 18.8390**, and if you desaturate by 10%, it is **33.5119, 33.3163, 32.3510**.

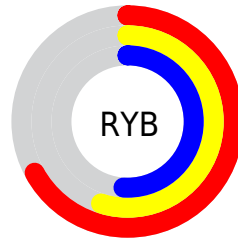
Distribution



Red (67%)

Green (54%)

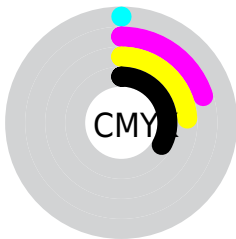
Blue (51%)



Red (67%)

Yellow (55%)

Blue (51%)

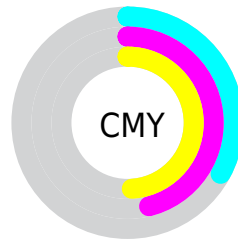


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1310, 28.5593, 25.0435 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 30.1310, 28.5593, 25.0435 by changing the saturation by 10% instead.


 30.1310, 28.5593,
25.0435


 30.1310, 28.5593,
25.0435


294.4135,
295.1299, 291.5091


 20.0866, 18.7477,
15.8902


 59.2545, 57.3762,
52.6928

 12.5666, 11.4881,
9.2929


 79.0643, 77.1502,
72.0258

 7.2058, 6.3962,
4.8333


 102.8600,
101.0138, 95.5891

 3.6386, 3.0874,
2.0928

131.0068,
129.3515, 123.8013

 1.4998, 1.1775,
0.6115

163.8703,
162.5475, 157.0808

 0.3257, 0.0433,
0.0000

201.8156,

 0.0000, 0.0000,

200.9863, 195.8463

0.0000

245.2082,
245.0523, 240.5162

■ 30.1310, 28.5593,
25.0435

■ 30.1310, 28.5593,
25.0435

■ 27.2007, 24.3943,
18.8390

■ 33.5119, 33.3163,
32.3510

■ 24.6995, 20.7942,
13.6821

■ 37.3593, 38.6832,
40.8097

■ 22.6074, 17.7356,
9.5151

■ 41.6909, 44.6820,
50.4673

■ 20.9021, 15.1919,
6.2740

■ 46.5229, 51.3326,
61.3680

■ 19.5589, 13.1344,
3.8873

■ 51.8707, 58.6537,
73.5540

■ 18.5500, 11.5312,
2.2729

■ 57.7491, 66.6634,
87.0653

■ 17.8433, 10.3465,
1.3323

■ 64.1723, 75.3793,
101.9402

■ 17.5510, 9.8460,
0.9754

■ 69.0579, 83.9797,
107.1777

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



30.9396, 28.5593, 29.6241



30.1310, 28.5593, 25.0435



28.5306, 28.5593, 22.3277

Triad

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



30.1310, 28.5593, 25.0435



23.8799, 28.5593, 27.3540



27.6705, 28.5593, 42.6958

Complementary

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



30.1310, 28.5593, 25.0435



29.9275, 34.2744, 44.0682

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.



25.8045, 28.5593, 41.9039



30.1310, 28.5593, 25.0435



23.6737, 28.5593, 32.6163

Square

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



30.1310, 28.5593, 25.0435



24.9397, 28.5593, 23.5488



24.3626, 28.5593, 38.0532



29.4761, 28.5593, 40.1052

Rectangle

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



30.1310, 28.5593, 25.0435



27.2610, 28.5593, 21.7342



24.3626, 28.5593, 38.0532



27.0289, 28.5593, 42.8217

Sweetspot

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



30.1318, 28.5606, 25.0441



65.8000, 67.4292, 69.6690



31.7241, 27.4274, 38.8864



14.2119, 14.5315, 14.9468



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.



30.1318, 28.5606, 25.0441



51.8509, 47.8261, 39.4470



33.3894, 35.0759, 26.1300



8.1242, 8.2532, 8.3782



13.0920, 7.3894, 0.7363



0.3997, 0.2765, 0.0323

Inverse Universe

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



29.9275, 34.2744, 44.0682



51.4146, 59.8943, 79.6567



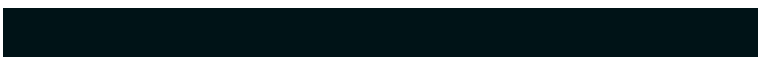
26.5202, 27.4598, 42.9324



8.1047, 8.8087, 10.2258



12.4740, 16.0819, 31.4912



0.3799, 0.5132, 0.8870

Previews

White Background



This preview shows how the XYZ color 30.1310, 28.5593, 25.0435 looks on a white background.

Color Contrast Check

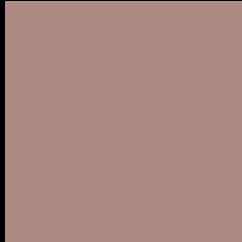
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1310, 28.5593, 25.0435 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 30.1310, 28.5593, 25.0435

Background



This preview shows how black text looks on a background with the XYZ color 30.1310, 28.5593, 25.0435.



This preview shows how white text looks on a background with the XYZ color 30.1310, 28.5593,

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

30.1310, 28.5593, 25.0435

Protanopia

27.1910, 28.5513, 26.6321

Deuteranopia

29.2800, 28.7684, 25.1287



Tritanopia

31.4480, 28.6823, 31.0729

Trichromacy



Original Color

30.1310, 28.5593, 25.0435

Protanomaly

28.2047, 28.4104, 26.1875

Deuteranomaly

29.5558, 28.6927, 25.0996

Tritanomaly

30.9129, 28.6690, 28.7153

Monochromacy



Original Color

30.1310, 28.5593, 25.0435

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.4913, 28.9375, 29.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1310, 28.5593, 25.0435 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.1310, 28.5593, 25.0435 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, 130) }
```


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

```
.border{ border-color:rgb(172, 138, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 130);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1310, 28.5593, 25.0435 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, 130) }
```

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

```
.background{ background-color: rgb(172,  
138, 130) }
```

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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