

Converting Colors

XYZ(31.0782, 30.5208, 28.3003)

Have a look what the booklet for
XYZ(31.0782, 30.5208, 28.3003)
contains.

XYZ(31.0750, 30.5208, 28.2980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0750, 30.5208,
28.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	A9918A
RGB	169, 145, 138
RGB Percent	66%, 57%, 54%
CMY	0.3373, 0.4314, 0.4588
CMYK	0.00, 0.14, 0.18, 0.34
HSL	14°, 15%, 60%
HSV	14°, 18%, 66%
XYZ	31.0750, 30.5208, 28.2980
YIQ	151.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

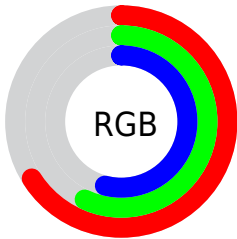
Format	Color
RYB	169, 147, 138
Decimal	11112842
CIELab	62.10, 7.81, 7.02
CIElCh	62, 10.503, 41.972
Yxy	30.5208, 0.3457, 0.3395
Android (android.graphics.Color)	4289302922 (0xFFA9918A)
YUV	151.3780, -6.5954, 15.4545
Hunter-Lab	55.2456, 3.7242, 8.3023

Details

The XYZ color **31.0750, 30.5208, 28.2980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5627, 34.1076, 42.5089**, and the grayscale version is **29.6005, 31.1420, 33.9137**.

A 20% lighter version of the original color is **60.8787, 60.6160, 57.7816**, and **13.1898, 12.6709, 10.9831** is the 20% darker color. If you saturate the color by 10%, you get **28.0604, 26.2995, 21.7190**, and if you desaturate by 10%, it is **34.5119, 35.2815, 35.9578**.

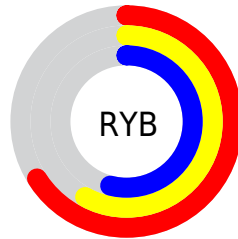
Distribution



Red (66%)

Green (57%)

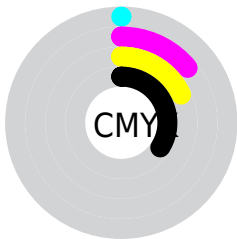
Blue (54%)



Red (66%)

Yellow (58%)

Blue (54%)

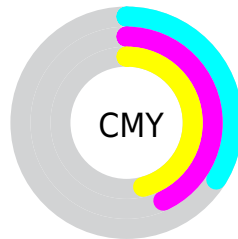


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (34%)



Cyan (34%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0750, 30.5208, 28.2980 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 31.0750, 30.5208, 28.2980 by changing the saturation by 10% instead.

■ 31.0750, 30.5208,
28.2980

■ 31.0750, 30.5208,
28.2980

298.7044,
304.3245, 307.8448

■ 20.8081, 20.2342,
18.3094

■ 60.7332, 60.4848,
57.9887

■ 13.0954, 12.5654,
11.0006

■ 80.8551, 80.9311,
78.5279

■ 7.5718, 7.1300,
5.9531

■ 104.9928,
105.5326, 103.4210

■ 3.8717, 3.5435,
2.7482

133.5115,
134.6740, 133.0866

■ 1.6298, 1.4216,
0.9676

166.7767,
168.7394, 167.9432

■ 0.4117, 0.2326,
0.0000

205.1537,

■ 0.0000, 0.0000,

208.1134, 208.4095

0.0000

249.0078,
253.1803, 254.9038

■ 31.0750, 30.5208,
28.2980

■ 31.0750, 30.5208,
28.2980

■ 28.0604, 26.2995,
21.7190

■ 34.5119, 35.2815,
35.9578

■ 25.4490, 22.5943,
16.1701

■ 38.3843, 40.5954,
44.7423

■ 23.2240, 19.3864,
11.5993

■ 42.7077, 46.4813,
54.6950

■ 21.3664, 16.6543,
7.9494

■ 47.4962, 52.9555,
65.8569

■ 19.8555, 14.3748,
5.1570

■ 52.7634, 60.0340,
78.2667

■ 18.6682, 12.5227,
3.1508

■ 58.5221, 67.7318,
91.9616

■ 17.7787, 11.0701,
1.8476

■ 64.5745, 75.9796,
105.8698

■ 17.1482, 9.9824,
1.1034

■ 68.4924, 83.8154,
107.1758

■ 17.0611, 9.8328,
0.9987

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



31.7472, 30.5208, 31.6448



31.0750, 30.5208, 28.2980



29.8576, 30.5208, 26.3724

Triad

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



31.0750, 30.5208, 28.2980



26.5030, 30.5208, 30.8830



29.5760, 30.5208, 41.4343

Complementary

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



31.0750, 30.5208, 28.2980



30.5627, 34.1076, 42.5089

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.



28.1769, 30.5208, 41.1885



31.0750, 30.5208, 28.2980



26.4332, 30.5208, 34.8713

Square

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



31.0750, 30.5208, 28.2980



27.2309, 30.5208, 27.7793



27.0369, 30.5208, 38.7085



30.8631, 30.5208, 39.3551

Rectangle

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



31.0750, 30.5208, 28.2980



28.9158, 30.5208, 26.0504



27.0369, 30.5208, 38.7085



29.1026, 30.5208, 41.6252

Sweetspot

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



31.0758, 30.5222, 28.2986



63.2902, 65.2270, 67.7373



31.9977, 29.2310, 38.2705



13.7050, 14.0934, 14.5617



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.0758, 30.5222, 28.2986



53.3780, 51.4859, 45.6795



33.5583, 35.4870, 29.1261



7.6635, 7.8071, 7.8923



12.7501, 7.3974, 0.7558



0.3467, 0.2530, 0.0306

Inverse Universe

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



30.5627, 34.1076, 42.5089



52.2857, 59.1015, 75.8771



28.0430, 29.0683, 41.6690



7.6017, 8.2403, 9.6082



11.4098, 14.2797, 30.1304



0.3121, 0.4164, 0.7446

Previews

White Background



This preview shows how the XYZ color 31.0750, 30.5208, 28.2980 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.0750, 30.5208, 28.2980 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0750, 30.5208, 28.2980

Background



This preview shows how black text looks on a background with the XYZ color 31.0750, 30.5208, 28.2980.



This preview shows how white text looks on a background with the XYZ color 31.0750, 30.5208,

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

31.0750, 30.5208, 28.2980

Protanopia

29.1575, 30.6747, 29.1950

Deuteranopia

31.0750, 30.5208, 28.2980



Tritanopia

32.4498, 30.6359, 34.7749

Trichromacy



Original Color

31.0750, 30.5208, 28.2980

Protanomaly

29.7473, 30.5175, 28.7487

Deuteranomaly

31.0750, 30.5208, 28.2980

Tritanomaly

31.8961, 30.6307, 32.2482

Monochromacy



Original Color

31.0750, 30.5208, 28.2980

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.0363, 30.8393, 31.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0750, 30.5208, 28.2980 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(169, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(169, 145, 138)  
}
```

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(169, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 145, 138) }
```

Border

The CSS property to change the border of an element to XYZ 31.0750, 30.5208, 28.2980 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(169, 145, 138) }
```


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

```
.border{ border-color:rgb(169, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(169, 145,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0750, 30.5208, 28.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 145, 138) }
```

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

```
.background{ background-color: rgb(169,  
145, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor