

Converting Colors

XYZ(31.0766, 28.5810, 34.0158)

Have a look what the booklet for
XYZ(31.0766, 28.5810, 34.0158)
contains.

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Color

**XYZ(31.0576, 28.6262,
34.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	A98999
RGB	169, 137, 153
RGB Percent	66%, 54%, 60%
CMY	0.3373, 0.4627, 0.4000
CMYK	0.00, 0.19, 0.09, 0.34
HSL	330°, 16%, 60%
HSV	330°, 19%, 66%
XYZ	31.0576, 28.6262, 34.0255
YIQ	148.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

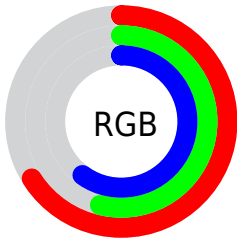
Format	Color
RYB	169, 137, 153
Decimal	11110809
CIELab	60.45, 14.86, -3.91
CIElCh	60, 15.365, 345.260
Yxy	28.6262, 0.3314, 0.3055
Android (android.graphics.Color)	4289300889 (0xFFA98999)
YUV	148.3920, 2.2717, 18.0732
Hunter-Lab	53.5035, 9.9843, -0.2530

Details

The XYZ color **31.0576, 28.6262, 34.0255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.2554, 35.9950, 35.4917**, and the grayscale version is **28.2994, 29.7732, 32.4230**.

A 20% lighter version of the original color is **60.4164, 57.1792, 66.8839**, and **13.1426, 11.5576, 14.1085** is the 20% darker color. If you saturate the color by 10%, you get **28.1675, 23.9235, 29.7397**, and if you desaturate by 10%, it is **34.3751, 34.1038, 38.6984**.

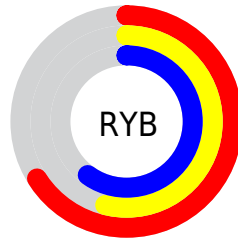
Distribution



Red (66%)

Green (54%)

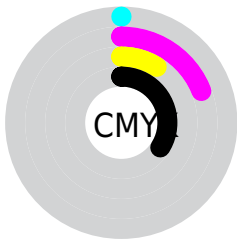
Blue (60%)



Red (66%)

Yellow (54%)

Blue (60%)

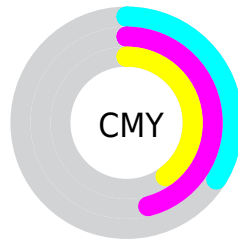


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0576, 28.6262, 34.0255 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 31.0576, 28.6262, 34.0255 by changing the saturation by 10% instead.

■ 31.0576, 28.6262,
34.0255

■ 31.0576, 28.6262,
34.0255

298.6257,
295.4472, 335.0184

■ 20.7948, 18.7982,
22.6357

■ 60.7060, 57.4827,
67.1077

■ 13.0857, 11.5246,
14.1220

■ 80.8222, 77.2799,
89.6371

■ 7.5650, 6.4208,
8.0658

■ 104.9536,
101.1691, 116.7168

■ 3.8673, 3.1026,
4.0487

133.4656,
129.5346, 148.7653

■ 1.6273, 1.1855,
1.6521

166.7234,
162.7607, 186.2012

■ 0.4101, 0.0499,
0.3276

205.0925,

■ 0.0000, 0.0000,

201.2319, 229.4430

0.0000

248.9381,
245.3326, 278.9092

■ 31.0576, 28.6262,
34.0255

■ 31.0576, 28.6262,
34.0255

■ 28.1675, 23.9235,
29.7397

■ 34.3751, 34.1038,
38.6984

■ 25.6839, 19.9566,
25.8279

■ 38.1348, 40.3855,
43.7672

■ 23.5876, 16.6886,
22.2790

■ 42.3539, 47.5038,
49.2426

■ 21.8571, 14.0778,
19.0804

■ 47.0478, 55.4881,
55.1344

■ 20.4683, 12.0784,
16.2186

■ 52.2313, 64.3664,
61.4520

■ 19.3943, 10.6382,
13.6787

■ 57.9186, 74.1654,
68.2045

■ 18.6037, 9.6963,
11.4444

■ 64.0258, 84.7165,
75.3683

■ 18.0374, 9.1364,
9.4896

■ 65.1212, 85.1546,
81.1368

■ 17.9820, 9.0830,
9.2945

■ 66.2733, 85.6155,
87.2037

Harmonies

Analogous

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



30.0023, 28.6262, 39.4884



31.0576, 28.6262, 34.0255



31.0478, 28.6262, 28.3873

Triad

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



31.0576, 28.6262, 34.0255



26.2188, 28.6262, 21.7915



24.6163, 28.6262, 39.5704

Complementary

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



31.0576, 28.6262, 34.0255



30.2554, 35.9950, 35.4917

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.



23.6992, 28.6262, 34.1269



31.0576, 28.6262, 34.0255



24.5934, 28.6262, 24.1089

Square

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



31.0576, 28.6262, 34.0255



28.1883, 28.6262, 21.7713



23.6910, 28.6262, 28.4771



26.2514, 28.6262, 42.9436

Rectangle

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



31.0576, 28.6262, 34.0255



30.4360, 28.6262, 25.2905



23.6910, 28.6262, 28.4771



24.2174, 28.6262, 37.8946

Sweetspot

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



31.0584, 28.6275, 34.0261



63.3840, 64.1076, 71.7982



29.2450, 27.5296, 41.3089



13.7276, 13.8270, 15.5298



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.



31.0584, 28.6275, 34.0261



53.2123, 47.3294, 57.4160



29.8242, 28.1338, 27.5268



7.6816, 7.6025, 8.6408



13.4288, 6.7802, 7.0695



0.3526, 0.1753, 0.3081

Inverse Universe

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



31.0584, 28.6275, 34.0261



53.2123, 47.3294, 57.4160



31.6668, 36.5595, 42.9242



7.6816, 7.6025, 8.6408



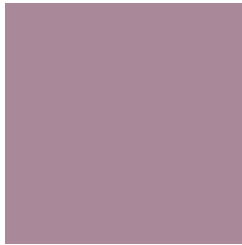
13.4288, 6.7802, 7.0695



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 31.0576, 28.6262, 34.0255 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 31.0576, 28.6262, 34.0255 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 31.0576, 28.6262, 34.0255

Background



This preview shows how black text looks on a background with the XYZ color 31.0576, 28.6262, 34.0255.



This preview shows how white text looks on a background with the XYZ color 31.0576, 28.6262,

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

31.0576, 28.6262, 34.0255

Protanopia

27.9740, 28.7392, 36.4206

Deuteranopia

29.2451, 28.7811, 33.7197



Tritanopia

30.5822, 28.6399, 31.9332

Trichromacy



Original Color

31.0576, 28.6262, 34.0255

Protanomaly

29.0002, 28.6163, 35.4475

Deuteranomaly

29.7435, 28.6002, 33.6585

Tritanomaly

30.7419, 28.7038, 32.7743

Monochromacy



Original Color

31.0576, 28.6262, 34.0255

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1886, 29.2164, 32.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0576, 28.6262, 34.0255 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, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 153)  
}
```

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, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 153) }
```

Border

The CSS property to change the border of an element to XYZ 31.0576, 28.6262, 34.0255 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, 137, 153) }
```


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

```
.border{ border-color:rgb(169, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0576, 28.6262, 34.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 153) }
```

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

```
.background{ background-color: rgb(169,  
137, 153) }
```

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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