

Converting Colors

XYZ(28.4967, 34.0468, 30.6215)

Have a look what the booklet for
XYZ(28.4967, 34.0468, 30.6215)
contains.

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Color

**XYZ(28.4910, 34.0975,
30.6710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 88A58E |
| RGB | 136, 165, 142 |
| RGB Percent | 53%, 65%, 56% |
| CMY | 0.4667, 0.3529, 0.4431 |
| CMYK | 0.18, 0.00, 0.14, 0.35 |
| HSL | 132°, 14%, 59% |
| HSV | 132°, 18%, 65% |
| XYZ | 28.4910, 34.0975, 30.6710 |
| YIQ | 153.7070, -9.9010, -13.3010 |

Conversions

Conversions Part 2

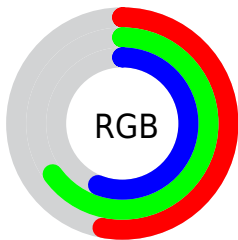
| Format | Color |
|-------------------------------------|---|
| RYB | 136, 160, 165 |
| Decimal | 8955278 |
| CIELab | 65.04, -14.68, 8.62 |
| CIELCh | 65, 17.026, 149.588 |
| Yxy | 34.0975, 0.3055, 0.3656 |
| Android (android.graphics.Color) | 4287145358 (0xFF88A58E) |
| YUV | 153.7070, -5.7716, -15.5290 |
| Hunter-Lab | 58.3931, -15.0946, 9.7330 |

Details

The XYZ color **28.4910, 34.0975, 30.6710** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.5805, 28.1118, 36.6169**, and the grayscale version is **30.6151, 32.2095, 35.0761**.

A 20% lighter version of the original color is **56.7922, 66.1191, 61.9935**, and **11.6746, 14.5614, 12.3205** is the 20% darker color. If you saturate the color by 10%, you get **25.0892, 32.4517, 25.6805**, and if you desaturate by 10%, it is **32.4226, 36.0050, 36.2900**.

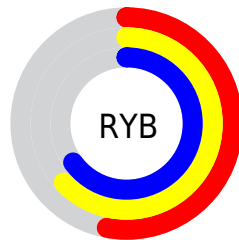
Distribution



Red (53%)

Green (65%)

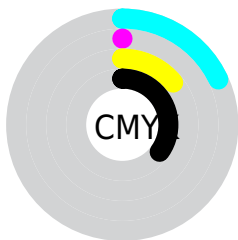
Blue (56%)



Red (53%)

Yellow (63%)

Blue (65%)

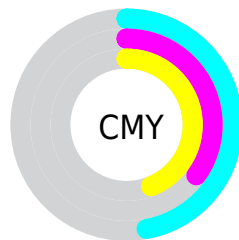


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4910, 34.0975, 30.6710 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 28.4910, 34.0975, 30.6710 by changing the saturation by 10% instead.

■ 28.4910, 34.0975,
30.6710

■ 28.4910, 34.0975,
30.6710

286.8434,
320.5666, 319.3239

■ 18.8384, 22.9685,
20.0921

■ 56.6706, 66.0853,
61.7952

■ 11.6569, 14.5703,
12.2773

■ 75.9283, 87.7128,
83.1776

■ 6.5810, 8.5183,
6.8080

■ 99.1185, 113.6087,
108.9982

■ 3.2455, 4.4284,
3.2657

126.6065,
144.1573, 139.6756

■ 1.2849, 1.9160,
1.2318

158.7576,
179.7430, 175.6284

■ 0.1719, 0.5579,
0.0049

195.9372,

■ 0.0000, 0.0000,

220.7501, 217.2749

0.0000

238.5107,
267.5632, 265.0339

■ 28.4910, 34.0975,
30.6710

■ 28.4910, 34.0975,
30.6710

■ 25.0892, 32.4517,
25.6805

■ 32.4226, 36.0050,
36.2900

■ 22.1917, 31.0521,
21.2945

■ 36.9026, 38.1805,
42.5559

■ 19.7749, 29.8879,
17.4905

■ 41.9522, 40.6354,
49.4893

■ 17.8123, 28.9459,
14.2441

■ 47.5905, 43.3792,
57.1092

■ 16.2747, 28.2118,
11.5290

■ 53.8358, 46.4210,
65.4337

■ 15.1294, 27.6691,
9.3166

■ 60.7055, 49.7694,
74.4803

■ 14.3388, 27.2993,
7.5759

■ 68.2164, 53.4326,
84.2659

■ 13.8446, 27.0729,
6.2715

■ 71.4374, 54.8682,
94.5753

■ 13.7465, 27.0278,
6.0160

■ 72.7458, 55.3916,
101.4653

Harmonies

Analogous

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



30.1245, 34.0975, 26.5304



28.4910, 34.0975, 30.6710



27.8969, 34.0975, 37.0290

Triad

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



28.4910, 34.0975, 30.6710



32.3746, 34.0975, 52.4194



36.7069, 34.0975, 30.8199

Complementary

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



28.4910, 34.0975, 30.6710



30.5805, 28.1118, 36.6169

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.



37.3824, 34.0975, 37.2240



28.4910, 34.0975, 30.6710



34.8054, 34.0975, 50.2237

Square

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



28.4910, 34.0975, 30.6710



30.0684, 34.0975, 50.1046



36.6699, 34.0975, 44.4294



34.8673, 34.0975, 26.6084

Rectangle

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



28.4910, 34.0975, 30.6710



28.1457, 34.0975, 41.8651



36.6699, 34.0975, 44.4294



37.0816, 34.0975, 32.7595

Sweetspot

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



28.4919, 34.0989, 30.6718



59.9643, 65.4018, 67.6686



32.2382, 36.0809, 28.5583



12.9970, 14.2436, 14.6355



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.4919, 34.0989, 30.6718



48.5948, 59.8890, 51.3942



29.6358, 34.5565, 36.6952



7.0427, 7.9179, 7.8367



10.4142, 20.4520, 4.6317



0.2341, 0.4359, 0.1778

Inverse Universe

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



30.5805, 28.1118, 36.6169



53.0252, 47.1860, 64.0038



29.4100, 27.6436, 30.4534



7.3013, 7.1770, 8.5728



14.8495, 7.2959, 16.9300



0.3270, 0.1593, 0.4346

Previews

White Background



This preview shows how the XYZ color 28.4910, 34.0975, 30.6710 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 28.4910, 34.0975, 30.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

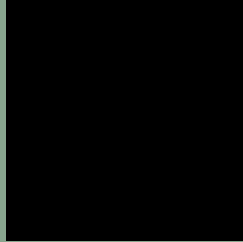
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4910, 34.0975, 30.6710

Background



This preview shows how black text looks on a background with the XYZ color 28.4910, 34.0975, 30.6710.



This preview shows how white text looks on a background with the XYZ color 28.4910, 34.0975,

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

28.4910, 34.0975, 30.6710

Protanopia

32.1615, 33.9483, 28.9023

Deuteranopia

34.4705, 33.8479, 31.5046



Tritanopia

31.2722, 34.1696, 44.4823

Trichromacy



Original Color

28.4910, 34.0975, 30.6710

Protanomaly

30.5574, 33.8757, 29.3542

Deuteranomaly

31.9913, 33.8089, 31.2252

Tritanomaly

30.0894, 33.9383, 39.1473

Monochromacy



Original Color

28.4910, 34.0975, 30.6710

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7645, 32.8588, 33.6278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4910, 34.0975, 30.6710 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(136, 165, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 165, 142)  
}
```

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(136, 165, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 165, 142) }
```

Border

The CSS property to change the border of an element to XYZ 28.4910, 34.0975, 30.6710 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(136, 165, 142) }
```


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

```
.border{ border-color:rgb(136, 165, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 165, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 165, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 165, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 165,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4910, 34.0975, 30.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 165, 142) }
```

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

```
.background{ background-color: rgb(136,  
165, 142) }
```

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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