

Converting Colors

XYZ(29.6676, 34.0915, 34.2948)

Have a look what the booklet for
XYZ(29.6676, 34.0915, 34.2948)
contains.

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Color

**XYZ(29.6676, 34.0915,
34.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA397
RGB	141, 163, 151
RGB Percent	55%, 64%, 59%
CMY	0.4471, 0.3608, 0.4078
CMYK	0.13, 0.00, 0.07, 0.36
HSL	147°, 11%, 60%
HSV	147°, 13%, 64%
XYZ	29.6676, 34.0915, 34.2948
YIQ	155.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

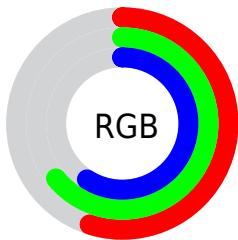
Format	Color
RYB	141, 156, 163
Decimal	9282455
CIELab	65.04, -10.12, 3.64
CIELCh	65, 10.753, 160.224
Yxy	34.0915, 0.3026, 0.3477
Android (android.graphics.Color)	4287472535 (0xFF8DA397)
YUV	155.0540, -1.9986, -12.3254
Hunter-Lab	58.3879, -11.4809, 6.0469

Details

The XYZ color **29.6676, 34.0915, 34.2948** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3801, 29.1370, 34.1614**, and the grayscale version is **31.1919, 32.8163, 35.7369**.

A 20% lighter version of the original color is **58.5965, 66.1527, 67.4380**, and **12.2991, 14.5131, 14.2097** is the 20% darker color. If you saturate the color by 10%, you get **26.4024, 32.4895, 30.5138**, and if you desaturate by 10%, it is **33.3972, 35.9285, 38.3834**.

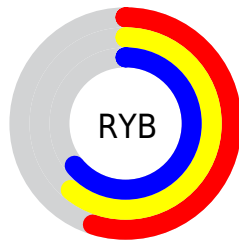
Distribution



Red (55%)

Green (64%)

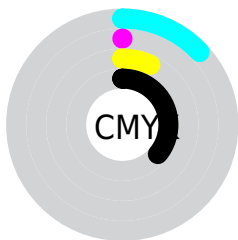
Blue (59%)



Red (55%)

Yellow (61%)

Blue (64%)

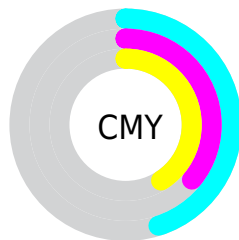


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6676, 34.0915, 34.2948 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 29.6676, 34.0915, 34.2948 by changing the saturation by 10% instead.

■ 29.6676, 34.0915,
34.2948

■ 29.6676, 34.0915,
34.2948

292.2897,
320.5399, 336.2538

■ 19.7332, 22.9639,
22.8410

■ 58.5264, 66.0759,
67.5310

■ 12.3084, 14.5669,
14.2719

■ 78.1815, 87.7016,
90.1504

■ 7.0278, 8.5160,
8.1691

■ 101.8075,
113.5953, 117.3288

■ 3.5260, 4.4268,
4.1140

129.7699,
144.1416, 149.4846

■ 1.4376, 1.9151,
1.6881

162.4340,
179.7248, 187.0365

■ 0.2828, 0.5574,
0.3526

200.1650,

■ 0.0000, 0.0000,

220.7293, 230.4030

0.0000

243.3285,
267.5395, 280.0025

■ 29.6676, 34.0915,
34.2948

■ 29.6676, 34.0915,
34.2948

■ 26.4024, 32.4895,
30.5138

■ 33.3972, 35.9285,
38.3834

■ 23.5797, 31.1085,
27.0309

■ 37.6061, 38.0052,
42.7841

■ 21.1802, 29.9397,
23.8395

■ 42.3121, 40.3317,
47.5043

■ 19.1820, 28.9718,
20.9319

■ 47.5313, 42.9160,
52.5505

■ 17.5610, 28.1928,
18.3000

■ 53.2789, 45.7659,
57.9289

■ 16.2906, 27.5889,
15.9353

■ 59.5695, 48.8888,
63.6456

■ 15.3402, 27.1446,
13.8288

■ 66.3792, 52.2723,
69.7047

■ 14.6736, 26.8414,
11.9710

■ 67.5410, 52.7370,
75.8227

■ 14.3367, 26.6913,
10.8898

■ 68.7657, 53.2269,
82.2719

Harmonies

Analogous

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



30.5085, 34.0915, 30.9529



29.6676, 34.0915, 34.2948



29.5461, 34.0915, 38.6619

Triad

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



29.6676, 34.0915, 34.2948



32.9370, 34.0915, 46.2095



34.7421, 34.0915, 31.8556

Complementary

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



29.6676, 34.0915, 34.2948



30.3801, 29.1370, 34.1614

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.



35.4382, 34.0915, 35.6193



29.6676, 34.0915, 34.2948



34.3742, 34.0915, 44.0559

Square

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



29.6676, 34.0915, 34.2948



31.4009, 34.0915, 45.7833



35.3015, 34.0915, 40.0959



33.4261, 34.0915, 29.6246

Rectangle

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



29.6676, 34.0915, 34.2948



29.8853, 34.0915, 41.6034



35.3015, 34.0915, 40.0959



35.0582, 34.0915, 32.9705

Sweetspot

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



29.6686, 34.0929, 34.2956



59.4012, 64.1411, 68.3015



31.0619, 34.9011, 30.2992



13.2265, 14.3493, 15.2170



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.



29.6686, 34.0929, 34.2956



51.4125, 60.2100, 59.4677



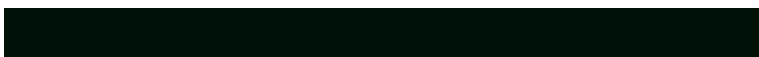
30.5956, 34.4637, 39.1771



7.1131, 7.9461, 8.2076



11.1641, 20.7520, 8.5808



0.2583, 0.4455, 0.3053

Inverse Universe

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



30.3801, 29.1370, 34.1614



52.9217, 49.6981, 59.1826



29.5201, 28.7930, 29.6328



7.2278, 7.1476, 8.1860



13.1607, 6.6203, 8.0366



0.3000, 0.1485, 0.2925

Previews

White Background



This preview shows how the XYZ color 29.6676, 34.0915, 34.2948 looks on a white background.

Color Contrast Check

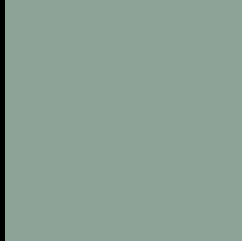
Large Text (above 18pt) WCAG AA × Fail

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 29.6676, 34.0915, 34.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

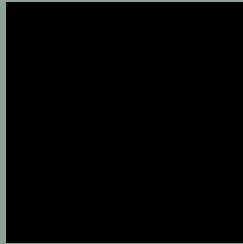
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6676, 34.0915, 34.2948

Background



This preview shows how black text looks on a background with the XYZ color 29.6676, 34.0915, 34.2948.

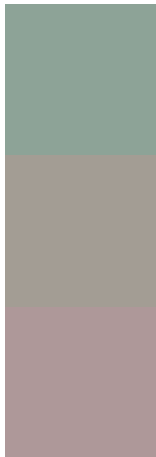


This preview shows how white text looks on a background with the XYZ color 29.6676, 34.0915,

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

29.6676, 34.0915, 34.2948

Protanopia

32.5065, 34.0386, 32.8738

Deuteranopia

34.4336, 33.7551, 34.8375



Tritanopia

31.7907, 34.1785, 44.4567

Trichromacy



Original Color

29.6676, 34.0915, 34.2948

Protanomaly

31.3405, 33.9348, 33.3320

Deuteranomaly

32.4563, 33.7253, 34.5048

Tritanomaly

31.0380, 34.1356, 40.5503

Monochromacy



Original Color

29.6676, 34.0915, 34.2948

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.6373, 33.2708, 35.3790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6676, 34.0915, 34.2948 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(141, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(141, 163, 151)  
}
```

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(141, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 163, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.6676, 34.0915, 34.2948 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(141, 163, 151) }
```


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

```
.border{ border-color:rgb(141, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(141, 163,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6676, 34.0915, 34.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 163, 151) }
```

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

```
.background{ background-color: rgb(141,  
163, 151) }
```

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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