

Converting Colors

XYZ(29.3907, 33.9968, 38.2182)

Have a look what the booklet for
XYZ(29.3907, 33.9968, 38.2182)
contains.

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Color

**XYZ(29.4521, 34.1573,
38.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	86A4A0
RGB	134, 164, 160
RGB Percent	53%, 64%, 63%
CMY	0.4745, 0.3568, 0.3725
CMYK	0.18, 0.00, 0.02, 0.36
HSL	172°, 14%, 58%
HSV	172°, 18%, 64%
XYZ	29.4521, 34.1573, 38.2984
YIQ	154.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

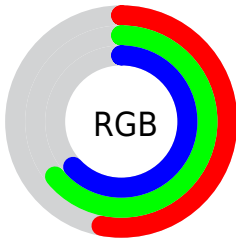
Format	Color
RYB	134, 150, 164
Decimal	8823968
CIELab	65.09, -11.17, -1.37
CIElCh	65, 11.251, 187.012
Yxy	34.1573, 0.2890, 0.3352
Android (android.graphics.Color)	4287014048 (0xFF86A4A0)
YUV	154.5740, 2.6750, -18.0434
Hunter-Lab	58.4442, -12.3250, 2.0584

Details

The XYZ color **29.4521, 34.1573, 38.2984** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.4236, 26.7785, 27.7169**, and the grayscale version is **30.9622, 32.5746, 35.4737**.

A 20% lighter version of the original color is **58.3363, 66.2607, 74.0049**, and **12.2106, 14.5773, 16.6381** is the 20% darker color. If you saturate the color by 10%, you get **26.8487, 32.8380, 37.1868**, and if you desaturate by 10%, it is **32.4662, 35.6897, 39.4482**.

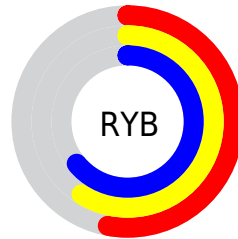
Distribution



Red (53%)

Green (64%)

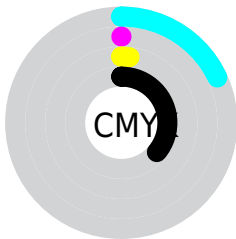
Blue (63%)



Red (53%)

Yellow (59%)

Blue (64%)

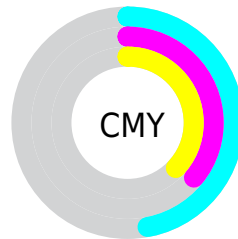


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4521, 34.1573, 38.2984 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 29.4521, 34.1573, 38.2984 by changing the saturation by 10% instead.

■ 29.4521, 34.1573,
38.2984

■ 29.4521, 34.1573,
38.2984

291.2980,
320.8329, 354.2348

■ 19.5691, 23.0145,
25.9107

■ 58.1872, 66.1782,
73.7738

■ 12.1886, 14.6042,
16.5317

■ 77.7700, 87.8251,
97.6986

■ 6.9454, 8.5421,
9.7428

■ 101.3168,
113.7421, 126.3061

■ 3.4740, 4.4437,
5.1254

129.1930,
144.3136, 160.0150

■ 1.4091, 1.9247,
2.2610

161.7638,
179.9240, 199.2438

■ 0.2627, 0.5632,
0.7092

199.3947,

■ 0.0000, 0.0000,

220.9578, 244.4110

0.0000

242.4510,
267.7993, 295.9352

■ 29.4521, 34.1573,
38.2984

■ 29.4521, 34.1573,
38.2984

■ 26.8487, 32.8380,
37.1868

■ 32.4662, 35.6897,
39.4482

■ 24.6345, 31.7181,
36.1103

■ 35.9056, 37.4401,
40.6349

■ 22.7903, 30.7885,
35.0684

■ 39.7876, 39.4182,
41.8600

■ 21.2942, 30.0380,
34.0602

■ 44.1277, 41.6322,
43.1244

■ 20.1220, 29.4541,
33.0843

■ 48.9409, 44.0896,
44.4290

■ 19.2463, 29.0227,
32.1395

■ 54.2412, 46.7977,
45.7743

■ 18.6352, 28.7273,
31.2241

■ 60.0421, 49.7634,
47.1611

■ 18.2311, 28.5382,
30.3353

■ 62.5022, 51.0066,
48.4098

■ 18.1680, 28.5089,
30.1856

■ 62.7229, 51.0949,
49.5720

Harmonies

Analogous

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



29.6640, 34.1573, 33.7939



29.4521, 34.1573, 38.2984



30.0258, 34.1573, 42.8627

Triad

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



29.4521, 34.1573, 38.2984



34.3896, 34.1573, 44.8319



33.7054, 34.1573, 29.5228

Complementary

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



29.4521, 34.1573, 38.2984



28.4236, 26.7785, 27.7169

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.



35.0339, 34.1573, 32.0440



29.4521, 34.1573, 38.2984



35.4381, 34.1573, 40.8095

Square

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



29.4521, 34.1573, 38.2984



32.8497, 34.1573, 46.8341



35.6777, 34.1573, 36.1061



32.0843, 34.1573, 28.9725

Rectangle

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



29.4521, 34.1573, 38.2984



30.7882, 34.1573, 45.2427



35.6777, 34.1573, 36.1061



34.2026, 34.1573, 30.1570

Sweetspot

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



29.4531, 34.1587, 38.2992



60.8407, 65.7523, 72.2835



28.1437, 33.7196, 27.5800



13.2127, 14.3298, 15.7715



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.



29.4531, 34.1587, 38.2992



51.4242, 60.9680, 68.6764



28.0066, 30.6963, 39.5725



7.2353, 7.9949, 8.8507



13.9423, 21.8633, 23.2103



0.3035, 0.4636, 0.5431

Inverse Universe

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



28.4236, 26.7785, 27.7169



49.2006, 45.0227, 45.8164



29.6632, 29.7131, 26.7265



7.1105, 7.1006, 7.5681



11.8597, 6.0999, 1.1860



0.2597, 0.1324, 0.0802

Previews

White Background



This preview shows how the XYZ color 29.4521, 34.1573, 38.2984 looks on a white background.

Color Contrast Check

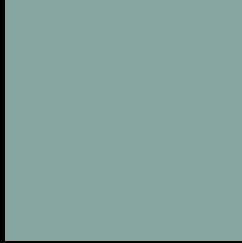
Large Text (above 18pt) WCAG AA × Fail

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 29.4521, 34.1573, 38.2984 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

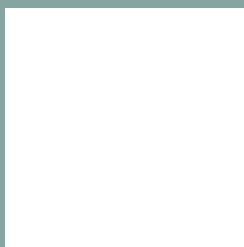
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4521, 34.1573, 38.2984

Background



This preview shows how black text looks on a background with the XYZ color 29.4521, 34.1573, 38.2984.

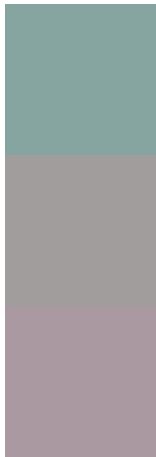


This preview shows how white text looks on a background with the XYZ color 29.4521, 34.1573,

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

29.4521, 34.1573, 38.2984

Protanopia

32.7557, 34.0913, 36.3064

Deuteranopia

34.7074, 34.0490, 38.9253



Tritanopia

30.9747, 34.2542, 45.5366

Trichromacy



Original Color

29.4521, 34.1573, 38.2984

Protanomaly

31.4191, 34.1552, 36.8349

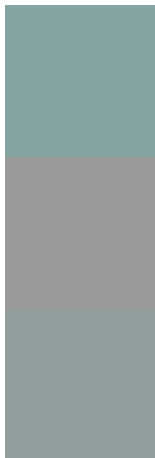
Deuteranomaly

32.5905, 33.9563, 38.5547

Tritanomaly

30.5062, 34.3309, 43.0489

Monochromacy



Original Color

29.4521, 34.1573, 38.2984

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3453, 33.0911, 36.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4521, 34.1573, 38.2984 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(134, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(134, 164, 160)  
}
```

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(134, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 164, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.4521, 34.1573, 38.2984 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(134, 164, 160) }
```


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

```
.border{ border-color:rgb(134, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(134, 164,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4521, 34.1573, 38.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 164, 160) }
```

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

```
.background{ background-color: rgb(134,  
164, 160) }
```

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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