

Converting Colors

XYZ(27.8492, 34.1193, 36.7776)

Have a look what the booklet for
XYZ(27.8492, 34.1193, 36.7776)
contains.

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Color

**XYZ(27.8455, 34.1753,
36.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA79C
RGB	122, 167, 156
RGB Percent	48%, 65%, 61%
CMY	0.5216, 0.3451, 0.3882
CMYK	0.27, 0.00, 0.07, 0.35
HSL	165°, 20%, 57%
HSV	165°, 27%, 65%
XYZ	27.8455, 34.1753, 36.5814
YIQ	152.2910, -23.2890, -12.9610

Conversions

Conversions Part 2

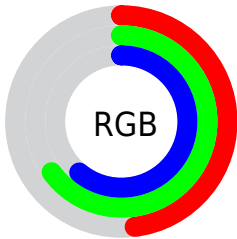
Format	Color
R_{YB}	122, 148, 167
Decimal	8038300
CIE _{Lab}	65.10, -17.50, 0.79
CIE _{LCh}	65, 17.514, 177.404
Yxy	34.1753, 0.2824, 0.3466
Android (android.graphics.Color)	4286228380 (0xFF7AA79C)
YUV	152.2910, 1.8285, -26.5652
Hunter-Lab	58.4596, -17.2813, 3.8208

Details

The XYZ color **27.8455, 34.1753, 36.5814** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1307, 23.8289, 25.3611**, and the grayscale version is **29.9710, 31.5319, 34.3382**.

A 20% lighter version of the original color is **55.4333, 66.0097, 70.7923**, and **11.3530, 14.6591, 15.5957** is the 20% darker color. If you saturate the color by 10%, you get **25.3413, 32.9245, 34.6902**, and if you desaturate by 10%, it is **30.7696, 35.6430, 38.5544**.

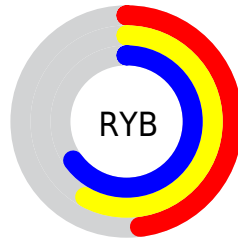
Distribution



Red (48%)

Green (65%)

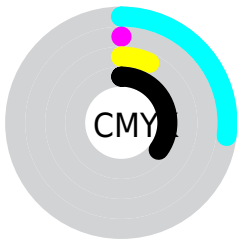
Blue (61%)



Red (48%)

Yellow (58%)

Blue (65%)

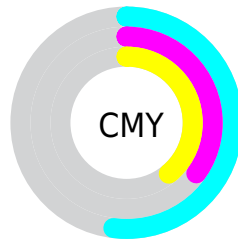


Cyan (27%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8455, 34.1753, 36.5814 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 27.8455, 34.1753, 36.5814 by changing the saturation by 10% instead.

■ 27.8455, 34.1753,
36.5814

■ 27.8455, 34.1753,
36.5814

283.8214,
320.9130, 346.6086

■ 18.3491, 23.0283,
24.5903

■ 55.6481, 66.2062,
71.1076

■ 11.3021, 14.6144,
15.5559

■ 74.6849, 87.8589,
94.4798

■ 6.3392, 8.5492,
9.0595

■ 97.6326, 113.7822,
122.4828

■ 3.0950, 4.4483,
4.6827

124.8565,
144.3606, 155.5352

■ 1.2042, 1.9274,
2.0068

156.7220,
179.9785, 194.0554

■ 0.1097, 0.5648,
0.5595

193.5944,

■ 0.0000, 0.0000,

221.0203, 238.4620

0.0000

235.8391,
267.8703, 289.1736

■ 27.8455, 34.1753,
36.5814

■ 27.8455, 34.1753,
36.5814

■ 25.3413, 32.9245,
34.6902

■ 30.7696, 35.6430,
38.5544

■ 23.2332, 31.8757,
32.8769

■ 34.1302, 37.3335,
40.6084

■ 21.4996, 31.0186,
31.1406

■ 37.9463, 39.2574,
42.7455

■ 20.1152, 30.3403,
29.4795

■ 42.2352, 41.4237,
44.9671

■ 19.0518, 29.8261,
27.8918

■ 47.0130, 43.8406,
47.2746

■ 18.2768, 29.4594,
26.3752

■ 52.2951, 46.5161,
49.6691

■ 17.7414, 29.2149,
24.9268

■ 58.0964, 49.4578,
52.1520

■ 17.5965, 29.1495,
24.4967

■ 64.2083, 52.5582,
54.7140

■ 64.6568, 52.7376,
57.0761

Harmonies

Analogous

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



28.5406, 34.1753, 30.1756



27.8455, 34.1753, 36.5814



28.3382, 34.1753, 44.0246

Triad

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



27.8455, 34.1753, 36.5814



34.7819, 34.1753, 51.0555



35.1843, 34.1753, 26.6306

Complementary

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



27.8455, 34.1753, 36.5814



27.1307, 23.8289, 25.3611

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.



37.0125, 34.1753, 31.1395



27.8455, 34.1753, 36.5814



36.7718, 34.1753, 45.2630

Square

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



27.8455, 34.1753, 36.5814



32.2620, 34.1753, 52.9993



37.6079, 34.1753, 37.8480



32.7042, 34.1753, 24.9182

Rectangle

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



27.8455, 34.1753, 36.5814



29.2890, 34.1753, 48.4821



37.6079, 34.1753, 37.8480



35.9003, 34.1753, 27.8381

Sweetspot

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



27.8465, 34.1767, 36.5822



60.3588, 66.4745, 72.2753



27.0450, 34.0509, 23.5600



13.3017, 14.7723, 16.0517



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.



27.8465, 34.1767, 36.5822



47.2523, 59.8965, 63.5875



26.8487, 30.6219, 41.0564



7.6680, 8.5002, 9.2377



13.4845, 22.3125, 18.8499



0.3465, 0.5502, 0.5555

Inverse Universe

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



27.1307, 23.8289, 25.3611



45.7677, 38.3953, 40.2854



27.8721, 26.4652, 22.0522



7.6035, 7.5713, 8.2294



12.5155, 6.4149, 2.2604



0.3240, 0.1639, 0.1578

Previews

White Background



This preview shows how the XYZ color 27.8455, 34.1753, 36.5814 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 27.8455, 34.1753, 36.5814 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

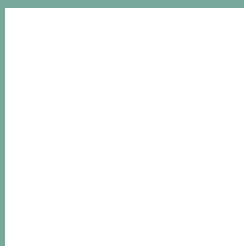
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8455, 34.1753, 36.5814

Background



This preview shows how black text looks on a background with the XYZ color 27.8455, 34.1753, 36.5814.



This preview shows how white text looks on a background with the XYZ color 27.8455, 34.1753,

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

27.8455, 34.1753, 36.5814

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.6625, 34.0563, 37.5475



Tritanopia

29.8155, 34.1609, 46.6172

Trichromacy



Original Color

27.8455, 34.1753, 36.5814

Protanomaly

30.4450, 33.9598, 34.6560

Deuteranomaly

31.7248, 33.7924, 37.1983

Tritanomaly

29.0740, 34.1348, 42.5924

Monochromacy



Original Color

27.8455, 34.1753, 36.5814

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7912, 32.0766, 34.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8455, 34.1753, 36.5814 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(122, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(122, 167, 156)  
}
```

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(122, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.8455, 34.1753, 36.5814 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(122, 167, 156) }
```


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

```
.border{ border-color:rgb(122, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(122, 167,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8455, 34.1753, 36.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 167, 156) }
```

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

```
.background{ background-color: rgb(122,  
167, 156) }
```

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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