

Converting Colors

XYZ(29.8184, 34.9753, 34.1893)

Have a look what the booklet for
XYZ(29.8184, 34.9753, 34.1893)
contains.

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Color

**XYZ(29.7887, 34.9634,
34.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA696
RGB	139, 166, 150
RGB Percent	55%, 65%, 59%
CMY	0.4549, 0.3490, 0.4118
CMYK	0.16, 0.00, 0.10, 0.35
HSL	144°, 13%, 60%
HSV	144°, 16%, 65%
XYZ	29.7887, 34.9634, 34.0327
YIQ	156.1030, -10.9560, -10.7000

Conversions

Conversions Part 2

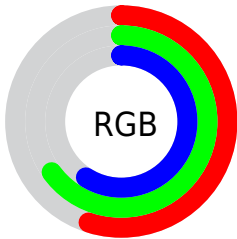
Format	Color
RYB	139, 158, 166
Decimal	9152150
CIELab	65.72, -12.61, 5.17
CIELCh	66, 13.628, 157.720
Yxy	34.9634, 0.3016, 0.3539
Android (android.graphics.Color)	4287342230 (0xFF8BA696)
YUV	156.1030, -3.0088, -14.9993
Hunter-Lab	59.1299, -13.5517, 7.2660

Details

The XYZ color **29.7887, 34.9634, 34.0327** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8762, 28.9397, 34.9706**, and the grayscale version is **31.6632, 33.3121, 36.2769**.

A 20% lighter version of the original color is **58.7479, 67.4100, 67.0418**, and **12.3893, 15.0593, 14.0581** is the 20% darker color. If you saturate the color by 10%, you get **26.4655, 33.3389, 29.9143**, and if you desaturate by 10%, it is **33.6013, 36.8344, 38.5227**.

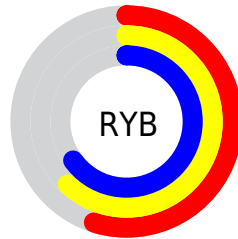
Distribution



Red (55%)

Green (65%)

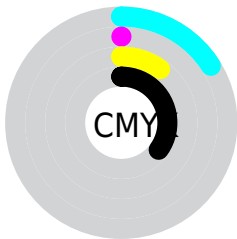
Blue (59%)



Red (55%)

Yellow (62%)

Blue (65%)

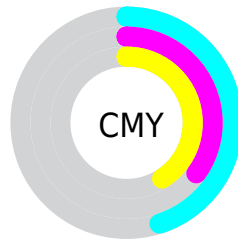


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7887, 34.9634, 34.0327 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 29.7887, 34.9634, 34.0327 by changing the saturation by 10% instead.

■ 29.7887, 34.9634,
34.0327

■ 29.7887, 34.9634,
34.0327

292.8458,
324.4068, 335.0514

■ 19.8255, 23.6347,
22.6412

■ 58.7168, 67.4291,
67.1190

■ 12.3758, 15.0629,
14.1260

■ 78.4124, 89.3348,
89.6508

■ 7.0742, 8.8635,
8.0686

■ 102.0829,
115.5350, 116.7332

■ 3.5553, 4.6523,
4.0505

130.0936,
146.4141, 148.7846

■ 1.4538, 2.0447,
1.6531

162.8099,
182.3564, 186.2235

■ 0.2940, 0.6333,
0.3283

200.5972,

■ 0.0000, 0.0000,

223.7463, 229.4687

0.0000

243.8207,
270.9683, 278.9384

■ 29.7887, 34.9634,
34.0327

■ 29.7887, 34.9634,
34.0327

■ 26.4655, 33.3389,
29.9143

■ 33.6013, 36.8344,
38.5227

■ 23.6082, 31.9462,
26.1557

■ 37.9197, 38.9573,
43.3911

■ 21.1958, 30.7754,
22.7479

■ 42.7630, 41.3429,
48.6475

■ 19.2043, 29.8146,
19.6806

■ 48.1486, 43.9997,
54.3002

■ 17.6075, 29.0504,
16.9429

■ 54.0930, 46.9362,
60.3576

■ 16.3760, 28.4678,
14.5233

■ 60.6119, 50.1604,
66.8275

■ 15.4759, 28.0497,
12.4098

■ 67.6455, 53.6412,
73.7142

■ 14.8614, 27.7725,
10.5889

■ 68.9785, 54.1744,
80.7337

■ 14.6688, 27.6865,
9.9799

■ 70.3893, 54.7387,
88.1630

Harmonies

Analogous

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



30.9272, 34.9634, 29.9826



29.7887, 34.9634, 34.0327



29.5541, 34.9634, 39.5725

Triad

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



29.7887, 34.9634, 34.0327



33.7525, 34.9634, 50.0985



36.3771, 34.9634, 31.7029

Complementary

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



29.7887, 34.9634, 34.0327



30.8762, 28.9397, 34.9706

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.



37.2023, 34.9634, 36.6045



29.7887, 34.9634, 34.0327



35.6478, 34.9634, 47.4929

Square

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



29.7887, 34.9634, 34.0327



31.7906, 34.9634, 49.2334



36.9302, 34.9634, 42.4129



34.7156, 34.9634, 28.7348

Rectangle

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



29.7887, 34.9634, 34.0327



29.9328, 34.9634, 43.4422



36.9302, 34.9634, 42.4129



36.7645, 34.9634, 33.1586

Sweetspot

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



29.7897, 34.9649, 34.0335



61.8515, 67.2757, 70.9124



31.8537, 36.1265, 29.7208



13.7285, 14.9997, 15.7396



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.



29.7897, 34.9649, 34.0335



51.4811, 62.1910, 58.6152



30.9226, 35.4181, 39.9996



7.5587, 8.4565, 8.6622



11.3965, 21.4773, 7.8545



0.3028, 0.5328, 0.3255

Inverse Universe

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



30.8762, 28.9397, 34.9706



53.8807, 48.8819, 60.6833



29.8195, 28.5170, 29.4065



7.7106, 7.6141, 8.7933



13.9417, 6.9854, 9.7702



0.3636, 0.1797, 0.3662

Previews

White Background



This preview shows how the XYZ color 29.7887, 34.9634, 34.0327 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 29.7887, 34.9634, 34.0327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

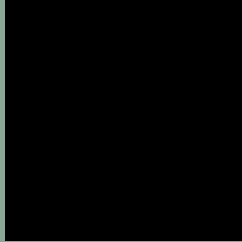
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7887, 34.9634, 34.0327

Background



This preview shows how black text looks on a background with the XYZ color 29.7887, 34.9634, 34.0327.



This preview shows how white text looks on a background with the XYZ color 29.7887, 34.9634,

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

29.7887, 34.9634, 34.0327

Protanopia

33.1035, 34.8709, 32.1801

Deuteranopia

35.3546, 34.7253, 34.5450



Tritanopia

31.9859, 34.7754, 45.5839

Trichromacy



Original Color

29.7887, 34.9634, 34.0327

Protanomaly

31.8971, 35.0152, 32.6812

Deuteranomaly

32.9170, 34.4746, 34.1975

Tritanomaly

31.1355, 34.6983, 41.1328

Monochromacy



Original Color

29.7887, 34.9634, 34.0327

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9812, 33.9587, 35.4937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7887, 34.9634, 34.0327 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(139, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 150)  
}
```

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(139, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.7887, 34.9634, 34.0327 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(139, 166, 150) }
```


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

```
.border{ border-color:rgb(139, 166, 150) }
```

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

Here you see how a box with a 4 pixel rgb(139, 166, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7887, 34.9634, 34.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 150) }
```

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

```
.background{ background-color: rgb(139,  
166, 150) }
```

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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