

Converting Colors

XYZ(29.0375, 34.5316, 32.9520)

Have a look what the booklet for
XYZ(29.0375, 34.5316, 32.9520)
contains.

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Color

**XYZ(29.1349, 34.6448,
33.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	88A694
RGB	136, 166, 148
RGB Percent	53%, 65%, 58%
CMY	0.4667, 0.3490, 0.4196
CMYK	0.18, 0.00, 0.11, 0.35
HSL	144°, 14%, 59%
HSV	144°, 18%, 65%
XYZ	29.1349, 34.6448, 33.1685
YIQ	154.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

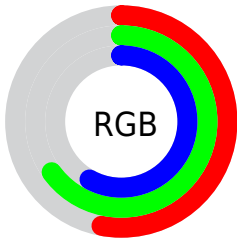
Format	Color
RYB	136, 157, 166
Decimal	8955540
CIELab	65.47, -14.04, 5.90
CIElCh	65, 15.229, 157.220
Yxy	34.6448, 0.3005, 0.3574
Android (android.graphics.Color)	4287145620 (0xFF88A694)
YUV	154.9780, -3.4402, -16.6437
Hunter-Lab	58.8598, -14.6494, 7.7910

Details

The XYZ color **29.1349, 34.6448, 33.1685** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3641, 28.0494, 34.3872**, and the grayscale version is **31.1654, 32.7884, 35.7065**.

A 20% lighter version of the original color is **57.7523, 66.9243, 65.7509**, and **12.0127, 14.8761, 13.5475** is the 20% darker color. If you saturate the color by 10%, you get **25.8902, 33.0603, 29.0768**, and if you desaturate by 10%, it is **32.8670, 36.4747, 37.6387**.

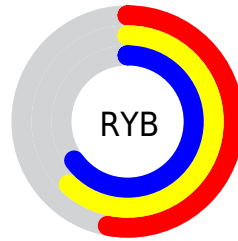
Distribution



Red (53%)

Green (65%)

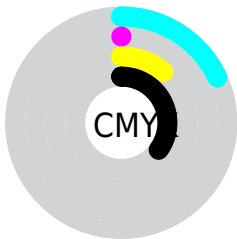
Blue (58%)



Red (53%)

Yellow (62%)

Blue (65%)

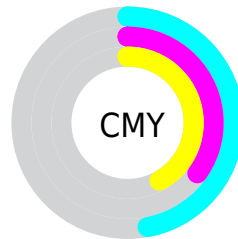


Cyan (18%)

Magenta (0%)

Yellow (11%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1349, 34.6448, 33.1685 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 29.1349, 34.6448, 33.1685 by changing the saturation by 10% instead.

■ 29.1349, 34.6448,
33.1685

■ 29.1349, 34.6448,
33.1685

289.8337,
322.9977, 331.0636

■ 19.3277, 23.3894,
21.9834

■ 57.6874, 66.9351,
65.7575

■ 12.0127, 14.8813,
13.6465

■ 77.1634, 88.7389,
87.9986

■ 6.8246, 8.7361,
7.7393

■ 100.5931,
114.8275, 114.7620

■ 3.3980, 4.5695,
3.8432

128.3418,
145.5854, 146.4663

■ 1.3676, 1.9969,
1.5397

160.7748,
181.3969, 183.5301

■ 0.2329, 0.6057,
0.2473

198.2576,

■ 0.0000, 0.0000,

222.6466, 226.3718

0.0000

241.1554,
269.7187, 275.4102

■ 29.1349, 34.6448,
33.1685

■ 29.1349, 34.6448,
33.1685

■ 25.8902, 33.0603,
29.0768

■ 32.8670, 36.4747,
37.6387

■ 23.1091, 31.7061,
25.3515

■ 37.1032, 38.5554,
42.4945

■ 20.7702, 30.5725,
21.9830

■ 41.8629, 40.8978,
47.7460

■ 18.8491, 29.6471,
18.9605

■ 47.1635, 43.5107,
53.4018

■ 17.3190, 28.9162,
16.2727

■ 53.0219, 46.4026,
59.4705

■ 16.1497, 28.3645,
13.9076

■ 59.4539, 49.5814,
65.9604

■ 15.3063, 27.9744,
11.8525

■ 66.4749, 53.0550,
72.8796

■ 14.7299, 27.7156,
10.0926

■ 68.8371, 54.1178,
79.9895

■ 14.6319, 27.6718,
9.7856

■ 70.2579, 54.6861,
87.4711

Harmonies

Analogous

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



30.4050, 34.6448, 28.7716



29.1349, 34.6448, 33.1685



28.8591, 34.6448, 39.2853

Triad

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



29.1349, 34.6448, 33.1685



33.4702, 34.6448, 51.2499



36.4594, 34.6448, 30.7772

Complementary

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



29.1349, 34.6448, 33.1685



30.3641, 28.0494, 34.3872

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.



37.3643, 34.6448, 36.2013



29.1349, 34.6448, 33.1685



35.5886, 34.6448, 48.3599

Square

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



29.1349, 34.6448, 33.1685



31.2978, 34.6448, 50.2025



37.0386, 34.6448, 42.6749



34.6156, 34.6448, 27.5035

Rectangle

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



29.1349, 34.6448, 33.1685



29.2644, 34.6448, 43.6170



37.0386, 34.6448, 42.6749



36.8871, 34.6448, 32.3841

Sweetspot

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



29.1359, 34.6463, 33.1693



61.8414, 67.2717, 70.8596



31.5032, 35.9708, 28.5758



13.7260, 14.9987, 15.7263



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.



29.1359, 34.6463, 33.1693



50.2165, 61.5759, 56.8932



30.3569, 35.1347, 39.5992



7.5564, 8.4556, 8.6502



11.3677, 21.4658, 7.7029



0.3020, 0.5324, 0.3212

Inverse Universe

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



30.3641, 28.0494, 34.3872



52.8970, 47.1759, 59.5493



29.2280, 27.5949, 28.4047



7.7129, 7.6150, 8.8056



13.9872, 7.0036, 10.0099



0.3645, 0.1801, 0.3711

Previews

White Background



This preview shows how the XYZ color 29.1349, 34.6448, 33.1685 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 29.1349, 34.6448, 33.1685 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

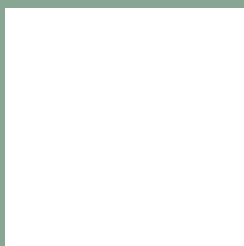
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1349, 34.6448, 33.1685

Background



This preview shows how black text looks on a background with the XYZ color 29.1349, 34.6448, 33.1685.



This preview shows how white text looks on a background with the XYZ color 29.1349, 34.6448,

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

29.1349, 34.6448, 33.1685

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.1086, 34.3639, 34.0606



Tritanopia

31.6427, 34.5985, 45.5679

Trichromacy



Original Color

29.1349, 34.6448, 33.1685

Protanomaly

31.1821, 34.4041, 31.7852

Deuteranomaly

32.6322, 34.3371, 33.7620

Tritanomaly

30.5362, 34.4000, 40.6277

Monochromacy



Original Color

29.1349, 34.6448, 33.1685

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2784, 33.3592, 34.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1349, 34.6448, 33.1685 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, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 166, 148)  
}
```

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, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 166, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.1349, 34.6448, 33.1685 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, 166, 148) }
```


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

```
.border{ border-color:rgb(136, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 166,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1349, 34.6448, 33.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 166, 148) }
```

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

```
.background{ background-color: rgb(136,  
166, 148) }
```

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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