

Converting Colors

XYZ(29.2920, 34.1037, 35.5614)

Have a look what the booklet for
XYZ(29.2920, 34.1037, 35.5614)
contains.

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Color

**XYZ(29.2615, 34.1183,
35.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	88A49A
RGB	136, 164, 154
RGB Percent	53%, 64%, 60%
CMY	0.4667, 0.3568, 0.3961
CMYK	0.17, 0.00, 0.06, 0.36
HSL	159°, 13%, 59%
HSV	159°, 17%, 64%
XYZ	29.2615, 34.1183, 35.6151
YIQ	154.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

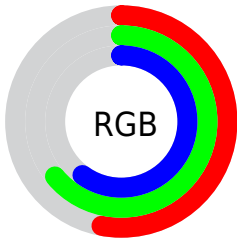
Format	Color
RYB	136, 153, 164
Decimal	8955034
CIELab	65.06, -11.77, 1.95
CIELCh	65, 11.926, 170.586
Yxy	34.1183, 0.2956, 0.3446
Android (android.graphics.Color)	4287145114 (0xFF88A49A)
YUV	154.4880, -0.2406, -16.2140
Hunter-Lab	58.4109, -12.7977, 4.7365

Details

The XYZ color **29.2615, 34.1183, 35.6151** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.3035, 27.5769, 30.9739**, and the grayscale version is **30.9357, 32.5468, 35.4435**.

A 20% lighter version of the original color is **57.9519, 66.1643, 69.3911**, and **12.0801, 14.5460, 15.0029** is the 20% darker color. If you saturate the color by 10%, you get **26.3232, 32.6595, 32.9929**, and if you desaturate by 10%, it is **32.6331, 35.7996, 38.3833**.

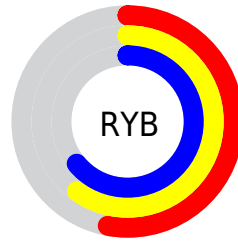
Distribution



Red (53%)

Green (64%)

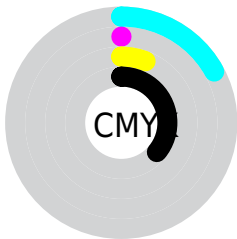
Blue (60%)



Red (53%)

Yellow (60%)

Blue (64%)

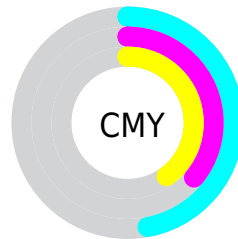


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2615, 34.1183, 35.6151 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 29.2615, 34.1183, 35.6151 by changing the saturation by 10% instead.

■ 29.2615, 34.1183,
35.6151

■ 29.2615, 34.1183,
35.6151

290.4188,
320.6592, 342.2615

■ 19.4240, 22.9845,
23.8497

■ 57.8870, 66.1176,
69.5999

■ 12.0829, 14.5821,
15.0110

■ 77.4057, 87.7519,
92.6564

■ 6.8727, 8.5266,
8.6804

■ 100.8822,
113.6551, 120.3138

■ 3.4283, 4.4337,
4.4394

128.6818,
144.2117, 152.9905

■ 1.3841, 1.9190,
1.8693

161.1699,
179.8060, 191.1050

■ 0.2448, 0.5598,
0.4731

198.7119,

■ 0.0000, 0.0000,

220.8224, 235.0760

0.0000

241.6731,
267.6453, 285.3220

■ 29.2615, 34.1183,
35.6151

■ 29.2615, 34.1183,
35.6151

■ 26.3232, 32.6595,
32.9929

■ 32.6331, 35.7996,
38.3833

■ 23.7966, 31.4093,
30.5119

■ 36.4528, 37.7082,
41.2978

■ 21.6623, 30.3586,
28.1700

■ 40.7382, 39.8540,
44.3619

■ 19.8984, 29.4963,
25.9643

■ 45.5049, 42.2451,
47.5778

■ 18.4806, 28.8098,
23.8920

■ 50.7681, 44.8892,
50.9480

■ 17.3817, 28.2851,
21.9497

■ 56.5420, 47.7937,
54.4747

■ 16.5699, 27.9060,
20.1341

■ 62.8403, 50.9655,
58.1600

■ 15.9972, 27.6476,
18.4408

■ 65.0431, 52.0230,
61.7894

■ 15.8477, 27.5809,
17.9670

■ 65.7450, 52.3038,
65.4857

Harmonies

Analogous

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



29.9300, 34.1183, 31.4320



29.2615, 34.1183, 35.6151



29.4180, 34.1183, 40.5943

Triad

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



29.2615, 34.1183, 35.6151



33.6101, 34.1183, 46.7822



34.5828, 34.1183, 30.2753

Complementary

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



29.2615, 34.1183, 35.6151



29.3035, 27.5769, 30.9739

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.



35.6375, 34.1183, 33.9044



29.2615, 34.1183, 35.6151



35.0622, 34.1183, 43.5203

Square

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



29.2615, 34.1183, 35.6151



31.8883, 34.1183, 47.3433



35.8160, 34.1183, 38.7264



32.9746, 34.1183, 28.5345

Rectangle

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



29.2615, 34.1183, 35.6151



29.9714, 34.1183, 43.6862



35.8160, 34.1183, 38.7264



35.0162, 34.1183, 31.2989

Sweetspot

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



29.2625, 34.1197, 35.6159



60.5391, 65.6317, 70.6951



29.6220, 34.4655, 28.3841



13.1383, 14.3001, 15.3797



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.



29.2625, 34.1197, 35.6159



51.2673, 61.0116, 63.0449



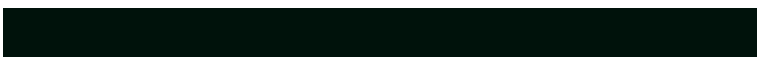
29.4723, 33.1501, 39.9690



7.1682, 7.9681, 8.4974



12.1739, 21.1559, 13.8983



0.2771, 0.4530, 0.4040

Inverse Universe

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



29.3035, 27.5769, 30.9739



51.3545, 47.1617, 53.2208



29.0940, 28.3492, 27.2314



7.1734, 7.1258, 7.8997



12.3568, 6.2988, 3.8037



0.2816, 0.1411, 0.1955

Previews

White Background



This preview shows how the XYZ color 29.2615, 34.1183, 35.6151 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 29.2615, 34.1183, 35.6151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

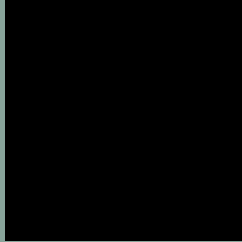
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2615, 34.1183, 35.6151

Background



This preview shows how black text looks on a background with the XYZ color 29.2615, 34.1183, 35.6151.



This preview shows how white text looks on a background with the XYZ color 29.2615, 34.1183,

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

29.2615, 34.1183, 35.6151

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

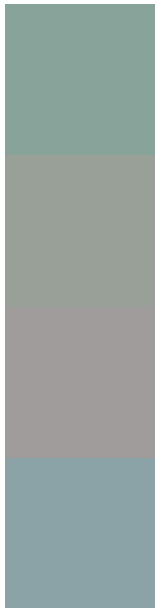
34.4626, 33.7410, 36.1488



Tritanopia

31.2001, 34.1212, 44.9860

Trichromacy



Original Color

29.2615, 34.1183, 35.6151

Protanomaly

31.2936, 34.1483, 34.2201

Deuteranomaly

32.3021, 33.6171, 35.7966

Tritanomaly

30.5428, 34.1196, 41.5352

Monochromacy



Original Color

29.2615, 34.1183, 35.6151

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.0922, 32.9899, 35.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2615, 34.1183, 35.6151 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, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 154)  
}
```

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, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.2615, 34.1183, 35.6151 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, 164, 154) }
```


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

```
.border{ border-color:rgb(136, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2615, 34.1183, 35.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 154) }
```

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

```
.background{ background-color: rgb(136,  
164, 154) }
```

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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