

Converting Colors

XYZ(30.2687, 34.7258, 35.6925)

Have a look what the booklet for
XYZ(30.2687, 34.7258, 35.6925)
contains.

XYZ(30.2635, 34.6348, 35.6620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2635, 34.6348,
35.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA49A
RGB	142, 164, 154
RGB Percent	56%, 64%, 60%
CMY	0.4431, 0.3568, 0.3961
CMYK	0.13, 0.00, 0.06, 0.36
HSL	153°, 11%, 60%
HSV	153°, 13%, 64%
XYZ	30.2635, 34.6348, 35.6620
YIQ	156.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

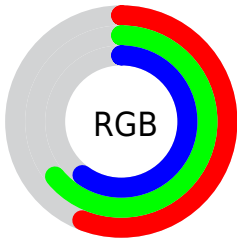
Format	Color
RYB	142, 156, 164
Decimal	9348250
CIELab	65.46, -9.71, 2.59
CIELCh	65, 10.049, 165.053
Yxy	34.6348, 0.3009, 0.3444
Android (android.graphics.Color)	4287538330 (0xFF8EA49A)
YUV	156.2820, -1.1250, -12.5253
Hunter-Lab	58.8513, -11.1986, 5.2681

Details

The XYZ color **30.2635, 34.6348, 35.6620** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6515, 29.5063, 33.7870**, and the grayscale version is **31.7347, 33.3874, 36.3588**.

A 20% lighter version of the original color is **59.4816, 66.9529, 69.4627**, and **12.6560, 14.8429, 15.0299** is the 20% darker color. If you saturate the color by 10%, you get **27.0524, 33.0499, 32.3707**, and if you desaturate by 10%, it is **33.9292, 36.4515, 39.1774**.

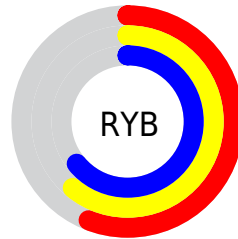
Distribution



Red (56%)

Green (64%)

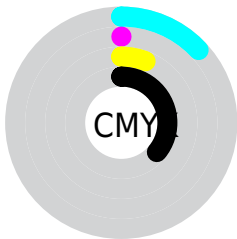
Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

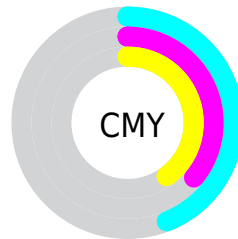


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2635, 34.6348, 35.6620 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 30.2635, 34.6348, 35.6620 by changing the saturation by 10% instead.

■ 30.2635, 34.6348,
35.6620

■ 30.2635, 34.6348,
35.6620

295.0186,
322.9534, 342.4734

■ 20.1877, 23.3817,
23.8856

■ 59.4624, 66.9196,
69.6732

■ 12.6406, 14.8756,
15.0374

■ 79.3163, 88.7201,
92.7451

■ 7.2569, 8.7321,
8.6987

■ 103.1602,
114.8052, 120.4194

■ 3.6710, 4.5669,
4.4511

131.3596,
145.5593, 153.1144

■ 1.5177, 1.9954,
1.8759

164.2798,
181.3668, 191.2488

■ 0.3379, 0.6048,
0.4773

202.2861,

■ 0.0000, 0.0000,

222.6120, 235.2410

0.0000

245.7439,
269.6794, 285.5097

■ 30.2635, 34.6348,
35.6620

■ 30.2635, 34.6348,
35.6620

■ 27.0524, 33.0499,
32.3707

■ 33.9292, 36.4515,
39.1774

■ 24.2743, 31.6829,
29.2966

■ 38.0641, 38.5046,
42.9190

■ 21.9100, 30.5249,
26.4360

■ 42.6858, 40.8040,
46.8917

■ 19.9379, 29.5649,
23.7839

■ 47.8102, 43.3579,
51.0996

■ 18.3342, 28.7907,
21.3353

■ 53.4522, 46.1739,
55.5468

■ 17.0724, 28.1888,
19.0848

■ 59.6264, 49.2594,
60.2370

■ 16.1223, 27.7436,
17.0268

■ 65.6799, 52.2778,
65.1429

■ 15.4479, 27.4366,
15.1553

■ 66.6086, 52.6492,
70.0334

■ 15.0982, 27.2811,
14.0200

■ 67.5808, 53.0381,
75.1533

Harmonies

Analogous

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



30.9593, 34.6348, 32.2774



30.2635, 34.6348, 35.6620



30.2648, 34.6348, 39.8529

Triad

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



30.2635, 34.6348, 35.6620



33.6588, 34.6348, 46.0804



34.9566, 34.6348, 32.2678

Complementary

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



30.2635, 34.6348, 35.6620



30.6515, 29.5063, 33.7870

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.



35.7247, 34.6348, 35.6480



30.2635, 34.6348, 35.6620



34.9605, 34.6348, 43.7235

Square

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



30.2635, 34.6348, 35.6620



32.1957, 34.6348, 46.0848



35.7262, 34.6348, 39.8379



33.6537, 34.6348, 30.4192

Rectangle

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



30.2635, 34.6348, 35.6620



30.6595, 34.6348, 42.5538



35.7262, 34.6348, 39.8379



35.2876, 34.6348, 33.2510

Sweetspot

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



30.2645, 34.6363, 35.6628



61.1197, 65.9320, 70.6770



31.1580, 35.2067, 30.7450



13.2514, 14.3592, 15.3478



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.



30.2645, 34.6363, 35.6628



53.1676, 61.9950, 62.9657



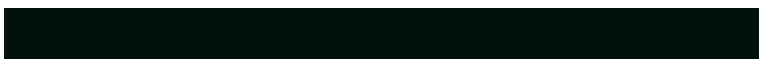
31.0019, 34.7218, 40.1917



7.1396, 7.9566, 8.3466



11.6002, 20.9264, 10.8773



0.2672, 0.4491, 0.3522

Inverse Universe

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



30.6515, 29.5063, 33.7870



54.0046, 50.9029, 58.9103



29.9758, 29.4112, 29.6886



7.2014, 7.1370, 8.0469



12.7244, 6.4458, 5.7396



0.2911, 0.1449, 0.2457

Previews

White Background



This preview shows how the XYZ color 30.2635, 34.6348, 35.6620 looks on a white background.

Color Contrast Check

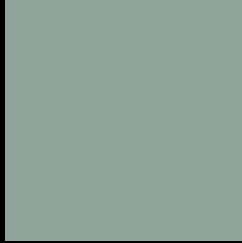
Large Text (above 18pt) WCAG AA × Fail

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 30.2635, 34.6348, 35.6620 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

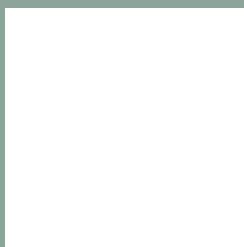
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2635, 34.6348, 35.6620

Background



This preview shows how black text looks on a background with the XYZ color 30.2635, 34.6348, 35.6620.



This preview shows how white text looks on a background with the XYZ color 30.2635, 34.6348,

35.6620.

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

30.2635, 34.6348, 35.6620

Protanopia

32.9170, 34.4746, 34.1975

Deuteranopia

35.0712, 34.2967, 36.2240



Tritanopia

32.0619, 34.5655, 45.0264

Trichromacy



Original Color

30.2635, 34.6348, 35.6620

Protanomaly

31.7559, 34.3772, 34.6675

Deuteranomaly

33.0776, 34.2670, 35.8812

Tritanomaly

31.3970, 34.5600, 41.5752

Monochromacy



Original Color

30.2635, 34.6348, 35.6620

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0770, 33.7421, 35.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2635, 34.6348, 35.6620 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(142, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.2635, 34.6348, 35.6620 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(142, 164, 154) }
```


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

```
.border{ border-color:rgb(142, 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(142, 164, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2635, 34.6348, 35.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 154) }
```

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

```
.background{ background-color: rgb(142,  
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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