

Converting Colors

XYZ(30.7767, 35.4853, 36.8784)

Have a look what the booklet for
XYZ(30.7767, 35.4853, 36.8784)
contains.

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Color

**XYZ(30.6215, 35.3355,
36.6590)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8DA69C |
| RGB | 141, 166, 156 |
| RGB Percent | 55%, 65%, 61% |
| CMY | 0.4471, 0.3490, 0.3882 |
| CMYK | 0.15, 0.00, 0.06, 0.35 |
| HSL | 156°, 12%, 60% |
| HSV | 156°, 15%, 65% |
| XYZ | 30.6215, 35.3355, 36.6590 |
| YIQ | 157.3850, -11.6900, -8.4100 |

Conversions

Conversions Part 2

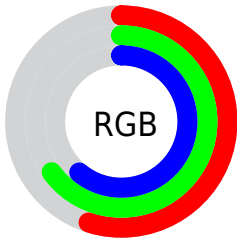
| Format | Color |
|-------------------------------------|---|
| RYB | 141, 157, 166 |
| Decimal | 9283228 |
| CIELab | 66.01, -10.72, 2.26 |
| CIElCh | 66, 10.956, 168.096 |
| Yxy | 35.3355, 0.2984, 0.3443 |
| Android (android.graphics.Color) | 4287473308 (0xFF8DA69C) |
| YUV | 157.3850, -0.6828, -14.3696 |
| Hunter-Lab | 59.4437, -12.0749, 5.0463 |

Details

The XYZ color **30.6215, 35.3355, 36.6590** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8380, 29.3920, 33.3277**, and the grayscale version is **32.2288, 33.9072, 36.9250**.

A 20% lighter version of the original color is **59.9950, 67.9681, 70.9299**, and **12.8815, 15.2787, 15.6348** is the 20% darker color. If you saturate the color by 10%, you get **27.4608, 33.7703, 33.6557**, and if you desaturate by 10%, it is **34.2381, 37.1341, 39.8457**.

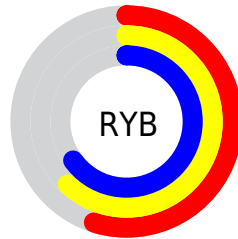
Distribution



Red (55%)

Green (65%)

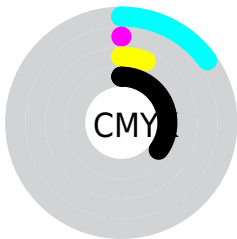
Blue (61%)



Red (55%)

Yellow (62%)

Blue (65%)

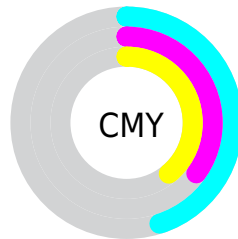


Cyan (15%)

Magenta (0%)

Yellow (6%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6215, 35.3355, 36.6590 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 30.6215, 35.3355, 36.6590 by changing the saturation by 10% instead.

■ 30.6215, 35.3355,
36.6590

■ 30.6215, 35.3355,
36.6590

296.6489,
326.0467, 346.9559

■ 20.4612, 23.9214,
24.6499

■ 60.0236, 68.0052,
71.2285

■ 12.8410, 15.2753,
15.5997

■ 79.9961, 90.0296,
94.6259

■ 7.3954, 9.0129,
9.0901

■ 103.9700,
116.3596, 122.6565

■ 3.7591, 4.7496,
4.7024

132.3108,
147.3795, 155.7388

■ 1.5668, 2.1011,
2.0181

165.3837,
183.4738, 194.2913

■ 0.3706, 0.6652,
0.5663

203.5541,

■ 0.0000, 0.0000,

225.0268, 238.7327

0.0000

247.1874,
272.4230, 289.4814

■ 30.6215, 35.3355,
36.6590

■ 30.6215, 35.3355,
36.6590

■ 27.4608, 33.7703,
33.6557

■ 34.2381, 37.1341,
39.8457

■ 24.7337, 32.4241,
30.8300

■ 38.3256, 39.1709,
43.2166

■ 22.4205, 31.2879,
28.1790

■ 42.9021, 41.4562,
46.7759

■ 20.4989, 30.3502,
25.6991

■ 47.9839, 43.9982,
50.5267

■ 18.9441, 29.5983,
23.3864

■ 53.5862, 46.8047,
54.4720

■ 17.7287, 29.0180,
21.2367

■ 59.7239, 49.8835,
58.6148

■ 16.8209, 28.5931,
19.2457

■ 65.5956, 52.8213,
62.9197

■ 16.1813, 28.3034,
17.4085

■ 66.4017, 53.1437,
67.1645

■ 15.9174, 28.1860,
16.5548

■ 67.2421, 53.4799,
71.5898

Harmonies

Analogous

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



31.3144, 35.3355, 32.8051



30.6215, 35.3355, 36.6590



30.7037, 35.3355, 41.3197

Triad

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



30.6215, 35.3355, 36.6590



34.5647, 35.3355, 47.6166



35.7144, 35.3355, 32.1947

Complementary

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



30.6215, 35.3355, 36.6590



30.8380, 29.3920, 33.3277

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.



36.6419, 35.3355, 35.7628



30.6215, 35.3355, 36.6590



35.9635, 35.3355, 44.7618

Square

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



30.6215, 35.3355, 36.6590



32.9453, 35.3355, 47.9055



36.7345, 35.3355, 40.3487



34.2336, 35.3355, 30.3701

Rectangle

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



30.6215, 35.3355, 36.6590



31.1873, 35.3355, 44.2602



36.7345, 35.3355, 40.3487



36.1033, 35.3355, 33.2161

Sweetspot

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



30.6225, 35.3370, 36.6598



62.1138, 67.3806, 72.2937



31.2851, 35.8164, 30.4642



13.7947, 15.0262, 16.0882



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.



30.6225, 35.3370, 36.6598



53.6071, 63.1543, 64.7103



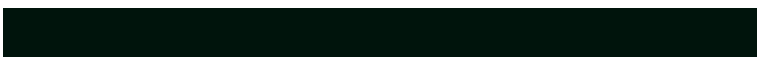
31.1292, 34.9385, 41.1813



7.6186, 8.4805, 8.9774



12.3661, 21.8652, 12.9607



0.3251, 0.5417, 0.4430

Inverse Universe

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



30.8380, 29.3920, 33.3277



54.0727, 50.3145, 57.5149



30.3697, 29.7009, 29.3320



7.6508, 7.5902, 8.4783



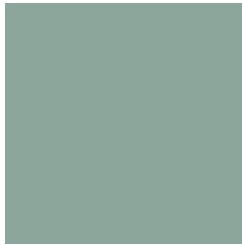
12.9885, 6.6041, 4.7509



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 30.6215, 35.3355, 36.6590 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 30.6215, 35.3355, 36.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

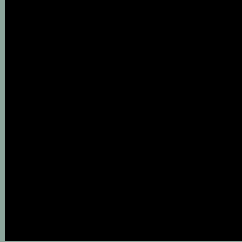
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

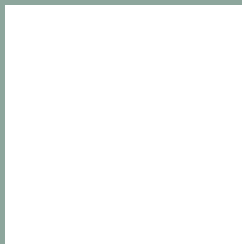
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6215, 35.3355, 36.6590

Background



This preview shows how black text looks on a background with the XYZ color 30.6215, 35.3355, 36.6590.



This preview shows how white text looks on a background with the XYZ color 30.6215, 35.3355,

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

30.6215, 35.3355, 36.6590

Protanopia

33.5827, 35.0626, 34.7035

Deuteranopia

35.7974, 35.1414, 37.2440



Tritanopia

32.6107, 35.3487, 46.1785

Trichromacy



Original Color

30.6215, 35.3355, 36.6590

Protanomaly

32.3804, 35.2085, 35.2263

Deuteranomaly

33.5882, 35.0171, 36.8870

Tritanomaly

31.9385, 35.3448, 42.6750

Monochromacy



Original Color

30.6215, 35.3355, 36.6590

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4191, 34.1552, 36.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6215, 35.3355, 36.6590 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(141, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 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(141, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6215, 35.3355, 36.6590 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(141, 166, 156) }
```


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

```
.border{ border-color:rgb(141, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(141, 166,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6215, 35.3355, 36.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 156) }
```

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

```
.background{ background-color: rgb(141,  
166, 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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