

Converting Colors

XYZ(31.0680, 36.3952, 35.9013)

Have a look what the booklet for
XYZ(31.0680, 36.3952, 35.9013)
contains.

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Color

**XYZ(31.0052, 36.3717,
35.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA99A
RGB	141, 169, 154
RGB Percent	55%, 66%, 60%
CMY	0.4471, 0.3372, 0.3961
CMYK	0.17, 0.00, 0.09, 0.34
HSL	148°, 14%, 61%
HSV	148°, 17%, 66%
XYZ	31.0052, 36.3717, 35.9582
YIQ	158.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

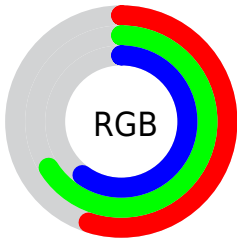
Format	Color
RYB	141, 160, 169
Decimal	9283994
CIELab	66.80, -12.72, 4.52
CIELCh	67, 13.496, 160.429
Yxy	36.3717, 0.3000, 0.3520
Android (android.graphics.Color)	4287474074 (0xFF8DA99A)
YUV	158.9180, -2.4246, -15.7141
Hunter-Lab	60.3090, -13.7727, 6.8656

Details

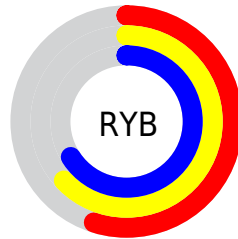
The XYZ color **31.0052, 36.3717, 35.9582** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.8891, 29.8860, 35.5419**, and the grayscale version is **32.9326, 34.6476, 37.7313**.

A 20% lighter version of the original color is **60.5465, 69.4675, 69.8919**, and **13.0259, 15.8755, 15.2097** is the 20% darker color. If you saturate the color by 10%, you get **27.6222, 34.7126, 32.0110**, and if you desaturate by 10%, it is **34.8857, 38.2827, 40.2272**.

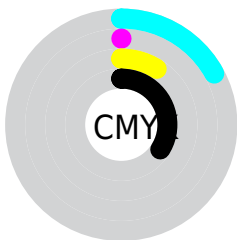
Distribution



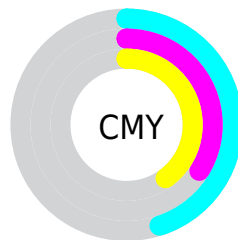
- Red (55%)
- Green (66%)
- Blue (60%)



- Red (55%)
- Yellow (63%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)



- Cyan (45%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0052, 36.3717, 35.9582 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 31.0052, 36.3717, 35.9582 by changing the saturation by 10% instead.

■ 31.0052, 36.3717,
35.9582

■ 31.0052, 36.3717,
35.9582

298.3887,
330.5823, 343.8097

■ 20.7547, 24.7214,
24.1125

■ 60.6240, 69.6054,
70.1359

■ 13.0562, 15.8696,
15.2041

■ 80.7231, 91.9576,
93.3049

■ 7.5445, 9.4319,
8.8145

■ 104.8356,
118.6458, 121.0854

■ 3.8543, 5.0240,
4.5253

133.3270,
150.0546, 153.8960

■ 1.6200, 2.2613,
1.9177

166.5627,
186.5682, 192.1552

■ 0.4054, 0.7531,
0.5040

204.9080,

■ 0.0000, 0.0000,

228.5711, 236.2815

0.0000

248.7282,
276.4477, 286.6935

■ 31.0052, 36.3717,
35.9582

■ 31.0052, 36.3717,
35.9582

■ 27.6222, 34.7126,
32.0110

■ 34.8857, 38.2827,
40.2272

■ 24.7125, 33.2900,
28.3758

■ 39.2804, 40.4511,
44.8227

■ 22.2546, 32.0941,
25.0454

■ 44.2089, 42.8879,
49.7527

■ 20.2239, 31.1123,
22.0117

■ 49.6891, 45.6020,
55.0238

■ 18.5934, 30.3308,
19.2663

■ 55.7376, 48.6020,
60.6426

■ 17.3328, 29.7342,
16.8001

■ 62.3707, 51.8962,
66.6156

■ 16.4071, 29.3047,
14.6037

■ 68.0027, 54.6669,
72.8739

■ 15.7678, 29.0173,
12.6663

■ 69.2160, 55.1522,
79.2630

■ 15.5803, 28.9339,
12.0582

■ 70.4950, 55.6638,
85.9979

Harmonies

Analogous

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



32.0889, 36.3717, 31.6536



31.0052, 36.3717, 35.9582



30.8550, 36.3717, 41.6706

Triad

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



31.0052, 36.3717, 35.9582



35.2849, 36.3717, 51.7072



37.6422, 36.3717, 32.7564

Complementary

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



31.0052, 36.3717, 35.9582



31.8891, 29.8860, 35.5419

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.



38.5723, 36.3717, 37.6042



31.0052, 36.3717, 35.9582



37.1763, 36.3717, 48.7821

Square

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



31.0052, 36.3717, 35.9582



33.2731, 36.3717, 51.1557



38.3985, 36.3717, 43.4853



35.9006, 36.3717, 29.9347

Rectangle

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



31.0052, 36.3717, 35.9582



31.2978, 36.3717, 45.5676



38.3985, 36.3717, 43.4853



38.0632, 36.3717, 34.1823

Sweetspot

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



31.0062, 36.3732, 35.9590



63.5809, 69.1040, 73.2217



32.7848, 37.4085, 30.6925



13.7479, 15.0075, 15.8420



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.



31.0062, 36.3732, 35.9590



53.1293, 63.9612, 61.6521



32.2043, 36.8525, 42.2683



7.5762, 8.4635, 8.7545



11.6380, 21.5739, 9.1263



0.3092, 0.5353, 0.3590

Inverse Universe

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



31.8891, 29.8860, 35.5419



55.0211, 50.0588, 60.7574



30.8007, 29.4506, 29.8107



7.6928, 7.6070, 8.6995



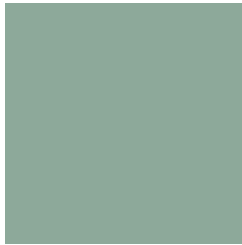
13.6146, 6.8545, 8.0480



0.3567, 0.1770, 0.3298

Previews

White Background



This preview shows how the XYZ color 31.0052, 36.3717, 35.9582 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 31.0052, 36.3717, 35.9582 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

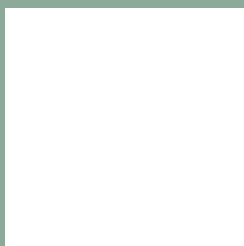
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0052, 36.3717, 35.9582

Background



This preview shows how black text looks on a background with the XYZ color 31.0052, 36.3717, 35.9582.



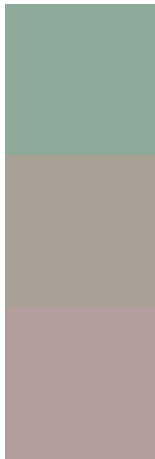
This preview shows how white text looks on a background with the XYZ color 31.0052, 36.3717,

35.9582.

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

31.0052, 36.3717, 35.9582

Protanopia

34.5738, 36.3675, 34.0516

Deuteranopia

36.9652, 36.2516, 36.9473



Tritanopia

33.2689, 36.1847, 47.8787

Trichromacy



Original Color

31.0052, 36.3717, 35.9582

Protanomaly

33.1416, 36.4137, 34.5600

Deuteranomaly

34.4715, 35.9970, 36.5838

Tritanomaly

32.3935, 36.1040, 43.2917

Monochromacy



Original Color

31.0052, 36.3717, 35.9582

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1319, 35.3041, 37.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0052, 36.3717, 35.9582 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, 169, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 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(141, 169, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.0052, 36.3717, 35.9582 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, 169, 154) }
```


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

```
.border{ border-color:rgb(141, 169, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0052, 36.3717, 35.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 154) }
```

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

```
.background{ background-color: rgb(141,  
169, 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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