

Converting Colors

XYZ(33.4721, 35.6557, 38.5961)

Have a look what the booklet for
XYZ(33.4721, 35.6557, 38.5961)
contains.

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Color

**XYZ(33.3660, 35.6478,
38.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA2A0
RGB	158, 162, 160
RGB Percent	62%, 64%, 63%
CMY	0.3804, 0.3647, 0.3725
CMYK	0.02, 0.00, 0.01, 0.36
HSL	150°, 2%, 63%
HSV	150°, 2%, 64%
XYZ	33.3660, 35.6478, 38.3798
YIQ	160.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

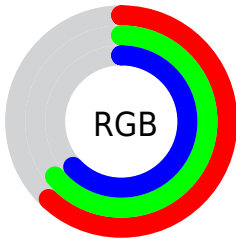
Format	Color
RYB	158, 161, 162
Decimal	10396320
CIELab	66.25, -1.81, 0.53
CIELCh	66, 1.886, 163.638
Yxy	35.6478, 0.3107, 0.3319
Android (android.graphics.Color)	4288586400 (0xFF9EA2A0)
YUV	160.5760, -0.2840, -2.2592
Hunter-Lab	59.7058, -4.7321, 3.6815

Details

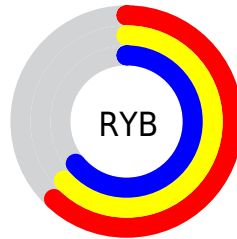
The XYZ color **33.3660, 35.6478, 38.3798** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4736, 34.6740, 38.1879**, and the grayscale version is **33.6823, 35.4364, 38.5903**.

A 20% lighter version of the original color is **64.5192, 68.6781, 74.1457**, and **14.3997, 15.3818, 16.6780** is the 20% darker color. If you saturate the color by 10%, you get **29.7011, 33.8388, 34.6270**, and if you desaturate by 10%, it is **37.4993, 37.6950, 42.3973**.

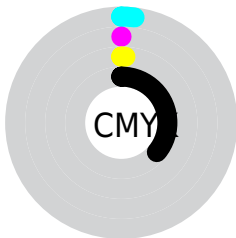
Distribution



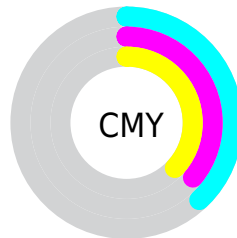
- Red (62%)
- Green (64%)
- Blue (63%)



- Red (62%)
- Yellow (63%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3660, 35.6478, 38.3798 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 33.3660, 35.6478, 38.3798 by changing the saturation by 10% instead.

■ 33.3660, 35.6478,
38.3798

■ 33.3660, 35.6478,
38.3798

308.9316,
327.4185, 354.5933

■ 22.5675, 24.1623,
25.9735

■ 64.2974, 68.4881,
73.8998

■ 14.3934, 15.4541,
16.5782

■ 85.1610, 90.6117,
97.8505

■ 8.4783, 9.1387,
9.7755

110.1105,
117.0501, 126.4864

■ 4.4569, 4.8317,
5.1467

139.5110,
148.1878, 160.2261

■ 1.9637, 2.1489,
2.2733

173.7280,
184.4091, 199.4881

■ 0.6135, 0.6919,
0.7162

213.1269,

■ 0.0000, 0.0000,

226.0983, 244.6910

0.0000

258.0730,
273.6400, 296.2532

■ 33.3660, 35.6478,
38.3798

■ 33.3660, 35.6478,
38.3798

■ 29.7011, 33.8388,
34.6270

■ 37.4993, 37.6950,
42.3973

■ 26.4843, 32.2545,
31.1313

■ 42.1142, 39.9840,
46.6825

■ 23.6985, 30.8873,
27.8879

■ 47.2272, 42.5242,
51.2411

■ 21.3240, 29.7270,
24.8910

■ 52.8530, 45.3232,
56.0781

■ 19.3398, 28.7631,
22.1346

■ 59.0059, 48.3882,
61.1982

■ 17.7226, 27.9836,
19.6126

■ 65.6244, 51.6874,
66.6025

■ 16.4470, 27.3754,
17.3182

■ 66.6516, 52.0983,
72.0116

■ 15.4835, 26.9236,
15.2445

■ 67.7306, 52.5299,
77.6933

■ 14.7978, 26.6106,
13.3842

■ 68.8620, 52.9824,
83.6515

Harmonies

Analogous

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



33.5104, 35.6478, 37.7044



33.3660, 35.6478, 38.3798



33.3594, 35.6478, 39.1807

Triad

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



33.3660, 35.6478, 38.3798



34.0098, 35.6478, 40.3388



34.2750, 35.6478, 37.7555

Complementary

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



33.3660, 35.6478, 38.3798



33.4736, 34.6740, 38.1879

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.



34.4103, 35.6478, 38.4504



33.3660, 35.6478, 38.3798



34.2567, 35.6478, 39.9459

Square

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



33.3660, 35.6478, 38.3798



33.7301, 35.6478, 40.3193



34.4036, 35.6478, 39.2523



34.0347, 35.6478, 37.3474

Rectangle

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



33.3660, 35.6478, 38.3798



33.4340, 35.6478, 39.6785



34.4036, 35.6478, 39.2523



34.3343, 35.6478, 37.9629

Sweetspot

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



33.3670, 35.6493, 38.3806



61.6084, 65.2281, 70.7027



33.6037, 35.7914, 37.4855



13.8464, 14.6546, 15.8888



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.



33.3670, 35.6493, 38.3806



60.1594, 64.5115, 69.2614



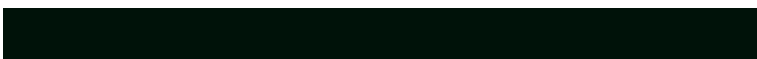
33.5378, 35.7176, 39.2797



7.6034, 8.1871, 8.7625



11.3692, 20.8340, 9.6608



0.2627, 0.4473, 0.3286

Inverse Universe

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



33.4736, 34.6740, 38.1879



60.3979, 62.3292, 68.8303



33.3055, 34.6068, 37.3027



7.6401, 7.8513, 8.6962



12.9323, 6.5290, 6.8339



0.2956, 0.1467, 0.2692

Previews

White Background



This preview shows how the XYZ color 33.3660, 35.6478, 38.3798 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 33.3660, 35.6478, 38.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

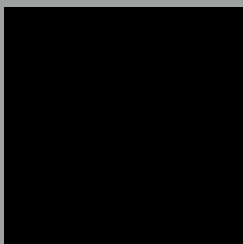
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

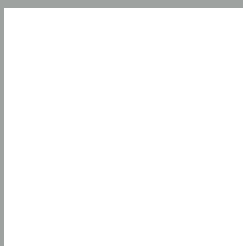
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3660, 35.6478, 38.3798

Background



This preview shows how black text looks on a background with the XYZ color 33.3660, 35.6478, 38.3798.



This preview shows how white text looks on a background with the XYZ color 33.3660, 35.6478,

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

33.3660, 35.6478, 38.3798

Protanopia

34.1387, 35.5373, 37.8610

Deuteranopia

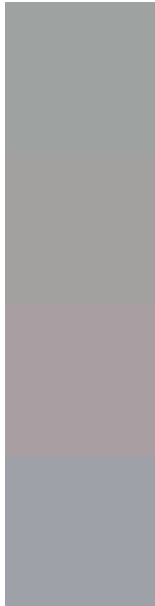
36.2260, 35.5802, 38.6766



Tritanopia

34.6108, 35.6323, 44.5887

Trichromacy



Original Color

33.3660, 35.6478, 38.3798

Protanomaly

33.9032, 35.6743, 37.8998

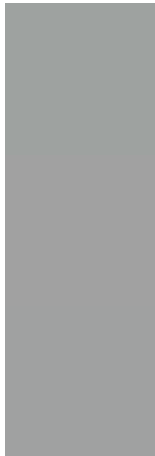
Deuteranomaly

35.0221, 35.4619, 38.7172

Tritanomaly

34.1108, 35.6878, 42.1364

Monochromacy



Original Color

33.3660, 35.6478, 38.3798

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.6751, 35.5365, 38.8026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3660, 35.6478, 38.3798 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(158, 162, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 162, 160)  
}
```

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(158, 162, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 162, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.3660, 35.6478, 38.3798 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(158, 162, 160) }
```


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

```
.border{ border-color:rgb(158, 162, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 162, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 162, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 162, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 162,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3660, 35.6478, 38.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 162, 160) }
```

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

```
.background{ background-color: rgb(158,  
162, 160) }
```

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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