

Converting Colors

XYZ(33.3170, 35.0735, 39.2693)

Have a look what the booklet for
XYZ(33.3170, 35.0735, 39.2693)
contains.

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Color

**XYZ(33.3905, 35.1212,
39.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA0A2
RGB	159, 160, 162
RGB Percent	62%, 63%, 64%
CMY	0.3765, 0.3725, 0.3647
CMYK	0.02, 0.01, 0.00, 0.36
HSL	220°, 2%, 63%
HSV	220°, 2%, 64%
XYZ	33.3905, 35.1212, 39.2016
YIQ	159.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

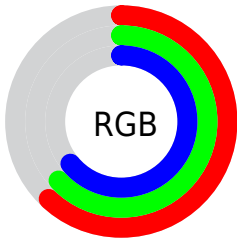
Format	Color
RYB	159, 160, 162
Decimal	10461346
CIELab	65.84, 0.03, -1.17
CIElCh	66, 1.172, 271.524
Yxy	35.1212, 0.3100, 0.3261
Android (android.graphics.Color)	4288651426 (0xFF9FA0A2)
YUV	159.9290, 1.0210, -0.8147
Hunter-Lab	59.2631, -3.1386, 2.2648

Details

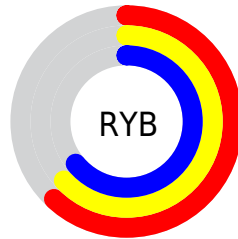
The XYZ color **33.3905, 35.1212, 39.2016** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9032, 35.6739, 37.9003**, and the grayscale version is **33.3776, 35.1159, 38.2412**.

A 20% lighter version of the original color is **64.5564, 67.9068, 75.3505**, and **14.4675, 15.2512, 16.9331** is the 20% darker color. If you saturate the color by 10%, you get **28.5970, 29.9946, 38.4652**, and if you desaturate by 10%, it is **38.7693, 40.7923, 40.0133**.

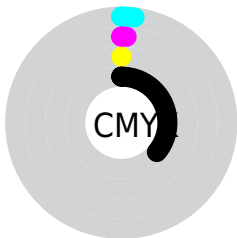
Distribution



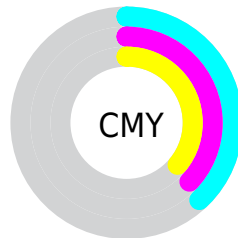
- Red (62%)
- Green (63%)
- Blue (64%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3905, 35.1212, 39.2016 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 33.3905, 35.1212, 39.2016 by changing the saturation by 10% instead.

■ 33.3905, 35.1212,
39.2016

■ 33.3905, 35.1212,
39.2016

309.0397,
325.1030, 358.1984

■ 22.5864, 23.7563,
26.6076

■ 64.3353, 67.6735,
75.1699

■ 14.4074, 15.1529,
17.0489

■ 85.2068, 89.6296,
99.3813

■ 8.4882, 8.9268,
10.1070

110.1648,
115.8849, 128.3022

■ 4.4633, 4.6934,
5.3634

139.5746,
146.8238, 162.3511

■ 1.9674, 2.0685,
2.3996

173.8016,
182.8306, 201.9467

■ 0.6156, 0.6468,
0.7862

213.2113,

■ 0.0000, 0.0000,

224.2899, 247.5074

0.0000

258.1688,
271.5858, 299.4518

■ 33.3905, 35.1212,
39.2016

■ 33.3905, 35.1212,
39.2016

■ 28.5970, 29.9946,
38.4652

■ 38.7693, 40.7923,
40.0133

■ 24.3655, 25.3915,
37.7998

■ 44.7497, 47.0193,
40.9000

■ 20.6753, 21.2959,
37.2037

■ 51.3511, 53.8187,
41.8645

■ 17.5036, 17.6894,
36.6748

■ 58.5912, 61.2052,
42.9086

■ 14.8255, 14.5522,
36.2104

■ 66.4868, 69.1928,
44.0343

■ 12.6142, 11.8632,
35.8079

■ 74.6105, 77.5664,
45.2223

■ 10.8401, 9.5996,
35.4645

■ 77.6142, 83.5737,
46.2236

■ 9.4699, 7.7359,
35.1770

■ 80.8052, 89.9558,
47.2872

■ 8.4645, 6.2435,
34.9419

■ 83.5217, 95.3887,
48.1927

Harmonies

Analogous

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



33.2232, 35.1212, 39.0848



33.3905, 35.1212, 39.2016



33.5559, 35.1212, 39.0591

Triad

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



33.3905, 35.1212, 39.2016



33.6661, 35.1212, 37.7449



33.0900, 35.1212, 37.7884

Complementary

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



33.3905, 35.1212, 39.2016



33.9032, 35.6739, 37.9003

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.



33.2080, 35.1212, 37.4344



33.3905, 35.1212, 39.2016



33.5406, 35.1212, 37.4094

Square

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



33.3905, 35.1212, 39.2016



33.7154, 35.1212, 38.2157



33.3728, 35.1212, 37.2963



33.0501, 35.1212, 38.2664

Rectangle

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



33.3905, 35.1212, 39.2016



33.6428, 35.1212, 38.8370



33.3728, 35.1212, 37.2963



33.1218, 35.1212, 37.6511

Sweetspot

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



33.3915, 35.1227, 39.2024



61.3914, 64.5813, 71.2859



33.6476, 35.7836, 38.8291



13.8004, 14.5176, 16.0123



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.



33.3915, 35.1227, 39.2024



60.4476, 63.5798, 71.1423



33.3078, 34.8225, 39.1488



7.7198, 8.1200, 9.0635



6.2187, 4.2168, 27.4159



0.1727, 0.1727, 0.5901

Inverse Universe

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



33.6444, 35.0164, 38.2451



60.9524, 63.3682, 69.2312



33.9879, 35.9787, 37.9547



7.7783, 8.0954, 8.8419



12.2844, 6.2698, 3.4222



0.2793, 0.1402, 0.1837

Previews

White Background



This preview shows how the XYZ color 33.3905, 35.1212, 39.2016 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 33.3905, 35.1212, 39.2016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

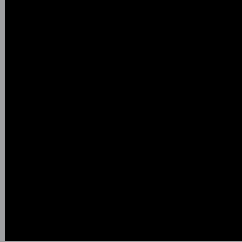
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

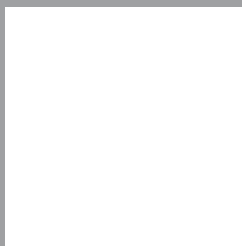
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3905, 35.1212, 39.2016

Background



This preview shows how black text looks on a background with the XYZ color 33.3905, 35.1212, 39.2016.

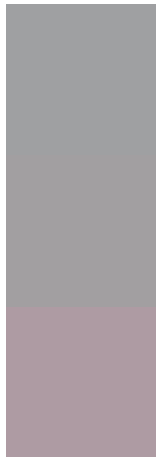


This preview shows how white text looks on a background with the XYZ color 33.3905, 35.1212, 39.2016.

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

33.3905, 35.1212, 39.2016

Protanopia

33.7315, 35.0509, 38.7059

Deuteranopia

35.7878, 35.0857, 39.5363



Tritanopia

34.2460, 35.2101, 43.5194

Trichromacy



Original Color

33.3905, 35.1212, 39.2016

Protanomaly

33.5291, 34.9466, 38.6964

Deuteranomaly

35.0300, 35.1933, 39.5970

Tritanomaly

33.9632, 35.0970, 42.0301

Monochromacy



Original Color

33.3905, 35.1212, 39.2016

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5010, 35.1884, 38.7446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3905, 35.1212, 39.2016 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(159, 160, 162) looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 162)  
}
```

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(159, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 162) }
```

Border

The CSS property to change the border of an element to XYZ 33.3905, 35.1212, 39.2016 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(159, 160, 162) }
```


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

```
.border{ border-color:rgb(159, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 160, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 160, 162); box-shadow:4px 4px 4px 4px rgb(159, 160, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3905, 35.1212, 39.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 162) }
```

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

```
.background{ background-color: rgb(159,  
160, 162) }
```

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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