

Converting Colors

XYZ(33.0916, 35.9325, 33.4215)

Have a look what the booklet for
XYZ(33.0916, 35.9325, 33.4215)
contains.

XYZ(33.0192, 35.8379, 33.6109)	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(33.0192, 35.8379,
33.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A395
RGB	160, 163, 149
RGB Percent	63%, 64%, 58%
CMY	0.3725, 0.3608, 0.4157
CMYK	0.02, 0.00, 0.09, 0.36
HSL	73°, 7%, 61%
HSV	73°, 9%, 64%
XYZ	33.0192, 35.8379, 33.6109
YIQ	160.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

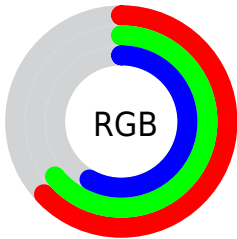
Format	Color
RYB	149, 163, 152
Decimal	10527637
CIELab	66.40, -3.66, 6.90
CIELCh	66, 7.809, 117.992
Yxy	35.8379, 0.3222, 0.3497
Android (android.graphics.Color)	4288717717 (0xFFA0A395)
YUV	160.5070, -5.6730, -0.4446
Hunter-Lab	59.8648, -6.3093, 8.6171

Details

The XYZ color **33.0192, 35.8379, 33.6109** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3086, 30.8156, 39.0028**, and the grayscale version is **33.6731, 35.4267, 38.5797**.

A 20% lighter version of the original color is **63.8752, 68.9017, 66.4327**, and **14.1957, 15.5019, 13.7993** is the 20% darker color. If you saturate the color by 10%, you get **31.1191, 34.9994, 27.1975**, and if you desaturate by 10%, it is **35.1232, 36.7625, 40.9862**.

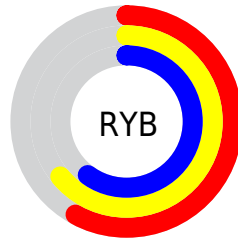
Distribution



Red (63%)

Green (64%)

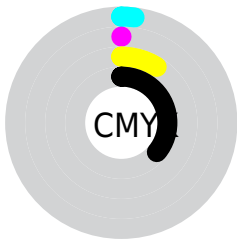
Blue (58%)



Red (58%)

Yellow (64%)

Blue (60%)

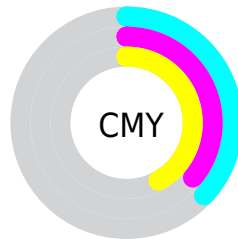


Cyan (2%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (37%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0192, 35.8379, 33.6109 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 33.0192, 35.8379, 33.6109 by changing the saturation by 10% instead.

■ 33.0192, 35.8379,
33.6109

■ 33.0192, 35.8379,
33.6109

307.3997,
328.2515, 333.1096

■ 22.3005, 24.3090,
22.3199

■ 63.7600, 68.7818,
66.4551

■ 14.1957, 15.5630,
13.8916

■ 84.5127, 90.9656,
88.8454

■ 8.3395, 9.2155,
7.9074

109.3409,
117.4699, 115.7725

■ 4.3666, 4.8820,
3.9488

138.6097,
148.6789, 147.6550

■ 1.9115, 2.1782,
1.5973

172.6847,
184.9773, 184.9114

■ 0.5835, 0.7081,
0.2889

211.9311,

■ 0.0000, 0.0000,

226.7492, 227.9603

0.0000

256.7143,
274.3791, 277.2202

■ 33.0192, 35.8379,
33.6109

■ 33.0192, 35.8379,
33.6109

■ 31.1191, 34.9994,
27.1975

■ 35.1232, 36.7625,
40.9862

■ 29.4121, 34.2392,
21.7041

■ 37.4352, 37.7715,
49.3583

■ 27.8911, 33.5557,
17.0889

■ 39.9632, 38.8692,
58.7634

■ 26.5472, 32.9453,
13.3063

■ 42.7138, 40.0582,
69.2351

■ 25.3708, 32.4040,
10.3065

■ 45.6930, 41.3411,
80.8054

■ 24.3513, 31.9276,
8.0342

■ 48.9070, 42.7202,
93.5051

■ 23.4766, 31.5113,
6.4272

■ 51.0288, 43.6648,
100.3464

■ 22.7327, 31.1496,
5.4126

■ 51.8796, 44.1034,
100.3862

■ 22.0933, 30.8317,
4.8526

■ 52.7512, 44.5527,
100.4270

Harmonies

Analogous

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



34.1417, 35.8379, 32.9376



33.0192, 35.8379, 33.6109



32.1930, 35.8379, 35.7092

Triad

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



33.0192, 35.8379, 33.6109



32.8858, 35.8379, 44.7359



36.3579, 35.8379, 39.2473

Complementary

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



33.0192, 35.8379, 33.6109



30.3086, 30.8156, 39.0028

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.



36.0038, 35.8379, 42.5323



33.0192, 35.8379, 33.6109



33.9842, 35.8379, 45.8117

Square

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



33.0192, 35.8379, 33.6109



32.1172, 35.8379, 42.1199



35.1283, 35.8379, 44.9834



36.0855, 35.8379, 36.0786

Rectangle

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



33.0192, 35.8379, 33.6109



31.9122, 35.8379, 37.6979



35.1283, 35.8379, 44.9834



36.3080, 35.8379, 40.3755

Sweetspot

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



33.0202, 35.8395, 33.6117



61.1723, 65.0784, 67.2852



31.7261, 32.3491, 33.0062



13.6725, 14.5871, 14.8786



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.



33.0202, 35.8395, 33.6117



58.5665, 63.9324, 58.2470



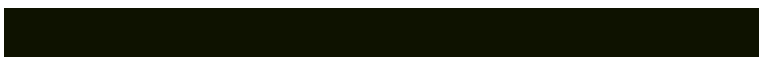
31.6979, 35.1578, 33.5498



7.5001, 8.1603, 7.5599



17.1412, 23.9471, 3.7188



0.3953, 0.5213, 0.0798

Inverse Universe

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



30.3086, 30.8156, 39.0028



52.8703, 53.3786, 69.5727



31.6180, 31.4906, 39.0641



6.8359, 6.9298, 8.8804



5.7082, 2.3492, 27.0824



0.1559, 0.0679, 0.5707

Previews

White Background



This preview shows how the XYZ color 33.0192, 35.8379, 33.6109 looks on a white background.

Color Contrast Check

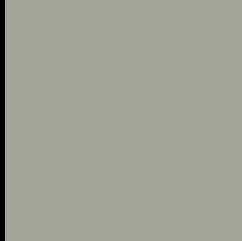
Large Text (above 18pt) WCAG AA × Fail

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 33.0192, 35.8379, 33.6109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

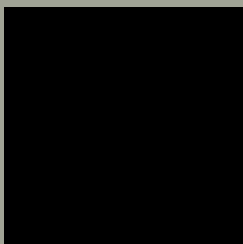
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

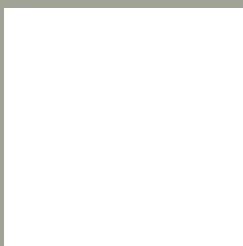
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0192, 35.8379, 33.6109

Background



This preview shows how black text looks on a background with the XYZ color 33.0192, 35.8379, 33.6109.



This preview shows how white text looks on a background with the XYZ color 33.0192, 35.8379,

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

33.0192, 35.8379, 33.6109

Protanopia

34.0265, 35.8433, 33.1420

Deuteranopia

36.4495, 35.8027, 33.8437



Tritanopia

35.1215, 35.9067, 44.1093

Trichromacy



Original Color

33.0192, 35.8379, 33.6109

Protanomaly

33.5755, 35.8713, 33.1712

Deuteranomaly

35.1367, 35.8825, 33.9283

Tritanomaly

34.3460, 35.8515, 40.2318

Monochromacy



Original Color

33.0192, 35.8379, 33.6109

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7041, 35.8520, 37.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0192, 35.8379, 33.6109 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(160, 163, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 163, 149)  
}
```

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(160, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.0192, 35.8379, 33.6109 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(160, 163, 149) }
```


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

```
.border{ border-color:rgb(160, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0192, 35.8379, 33.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 149) }
```

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

```
.background{ background-color: rgb(160,  
163, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor