

Converting Colors

XYZ(33.1805, 35.3455, 32.8107)

Have a look what the booklet for
XYZ(33.1805, 35.3455, 32.8107)
contains.

XYZ(33.1156, 35.3829, 32.6880)	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(33.1156, 35.3829,
32.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A193
RGB	163, 161, 147
RGB Percent	64%, 63%, 58%
CMY	0.3608, 0.3686, 0.4235
CMYK	0.00, 0.01, 0.10, 0.36
HSL	53°, 8%, 61%
HSV	53°, 10%, 64%
XYZ	33.1156, 35.3829, 32.6880
YIQ	160.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

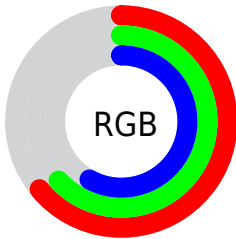
Format	Color
RYB	149, 163, 147
Decimal	10723731
CIELab	66.05, -1.81, 7.54
CIElCh	66, 7.755, 103.525
Yxy	35.3829, 0.3273, 0.3497
Android (android.graphics.Color)	4288913811 (0xFFA3A193)
YUV	160.0020, -6.4100, 2.6292
Hunter-Lab	59.4835, -4.7219, 9.0568

Details

The XYZ color **33.1156, 35.3829, 32.6880** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3909, 30.3417, 38.9581**, and the grayscale version is **33.4421, 35.1837, 38.3151**.

A 20% lighter version of the original color is **64.0119, 68.2342, 65.0551**, and **14.2428, 15.3759, 13.2835** is the 20% darker color. If you saturate the color by 10%, you get **31.5739, 34.2033, 26.3045**, and if you desaturate by 10%, it is **34.8463, 36.6497, 40.0296**.

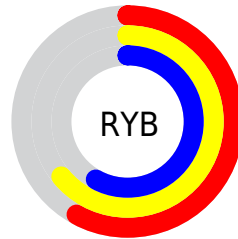
Distribution



Red (64%)

Green (63%)

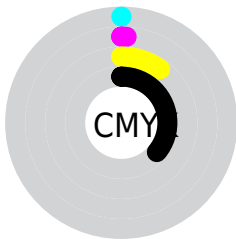
Blue (58%)



Red (58%)

Yellow (64%)

Blue (58%)

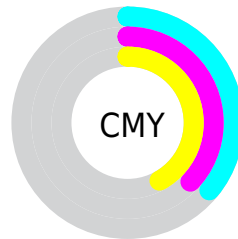


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1156, 35.3829, 32.6880 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 33.1156, 35.3829, 32.6880 by changing the saturation by 10% instead.

■ 33.1156, 35.3829,
32.6880

■ 33.1156, 35.3829,
32.6880

307.8261,
326.2552, 328.8303

■ 22.3747, 23.9580,
21.6184

■ 63.9094, 68.0785,
64.9985

■ 14.2506, 15.3025,
13.3811

■ 84.6931, 90.1180,
87.0765

■ 8.3780, 9.0319,
7.5577

109.5550,
116.4645, 113.6610

■ 4.3916, 4.7620,
3.7296

138.8605,
147.5023, 145.1705

■ 1.9260, 2.1083,
1.4782

172.9750,
183.6159, 182.0237

■ 0.5919, 0.6693,
0.2016

212.2639,

■ 0.0000, 0.0000,

225.1896, 224.6390

0.0000

257.0925,
272.6080, 273.4350

■ 33.1156, 35.3829,
32.6880

■ 33.1156, 35.3829,
32.6880

■ 31.5739, 34.2033,
26.3045

■ 34.8463, 36.6497,
40.0296

■ 30.2108, 33.1031,
20.8368

■ 36.7702, 38.0020,
48.3646

■ 29.0189, 32.0806,
16.2430

■ 38.8951, 39.4439,
57.7293

■ 27.9895, 31.1322,
12.4769

■ 41.2275, 40.9783,
68.1574

■ 27.1131, 30.2541,
9.4881

■ 43.7735, 42.6075,
79.6814

■ 26.3790, 29.4419,
7.2206

■ 46.5390, 44.3340,
92.3320

■ 25.7750, 28.6908,
5.6110

■ 48.5315, 45.7607,
100.8826

■ 25.2871, 27.9951,
4.5849

■ 48.9310, 46.5599,
101.0158

■ 24.8834, 27.3419,
3.9747

■ 49.3366, 47.3710,
101.1509

Harmonies

Analogous

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



34.2617, 35.3829, 32.7637



33.1156, 35.3829, 32.6880



32.1296, 35.3829, 34.1120

Triad

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



33.1156, 35.3829, 32.6880



32.0516, 35.3829, 43.0564



35.7969, 35.3829, 40.3509

Complementary

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



33.1156, 35.3829, 32.6880



29.3909, 30.3417, 38.9581

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.



35.1772, 35.3829, 43.3052



33.1156, 35.3829, 32.6880



33.0069, 35.3829, 44.9271

Square

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



33.1156, 35.3829, 32.6880



31.5249, 35.3829, 40.0269



34.1505, 35.3829, 45.0207



35.8276, 35.3829, 37.0630

Rectangle

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



33.1156, 35.3829, 32.6880



31.6886, 35.3829, 35.7697



34.1505, 35.3829, 45.0207



35.6499, 35.3829, 41.4203

Sweetspot

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



33.1166, 35.3844, 32.6888



61.3653, 64.8853, 67.2378



30.9739, 30.8287, 32.8082



13.7269, 14.5326, 14.8652



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.



33.1166, 35.3844, 32.6888



58.6136, 62.8476, 55.6365



32.2947, 35.4829, 32.7511



7.5737, 8.0857, 7.5416



19.3558, 21.2855, 3.0883



0.4264, 0.4867, 0.0715

Inverse Universe

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



29.3909, 30.3417, 38.9581



50.4389, 51.7832, 69.3929



30.1568, 30.2717, 38.9042



6.7684, 6.9958, 8.8967



5.3564, 2.4922, 27.1285



0.1321, 0.0915, 0.5766

Previews

White Background



This preview shows how the XYZ color 33.1156, 35.3829, 32.6880 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 33.1156, 35.3829, 32.6880 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

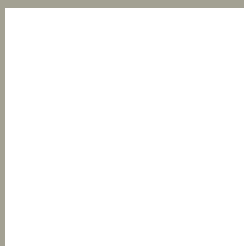
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1156, 35.3829, 32.6880

Background



This preview shows how black text looks on a background with the XYZ color 33.1156, 35.3829, 32.6880.



This preview shows how white text looks on a background with the XYZ color 33.1156, 35.3829,

32.6880.

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

33.1156, 35.3829, 32.6880

Protanopia

33.6955, 35.4324, 32.2573

Deuteranopia

35.8890, 35.2841, 32.9359



Tritanopia

35.2084, 35.4630, 43.0196

Trichromacy



Original Color

33.1156, 35.3829, 32.6880

Protanomaly

33.4850, 35.3239, 32.2475

Deuteranomaly

34.8578, 35.2507, 32.9838

Tritanomaly

34.4368, 35.4042, 39.2011

Monochromacy



Original Color

33.1156, 35.3829, 32.6880

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1851, 35.0852, 36.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1156, 35.3829, 32.6880 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(163, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 147)  
}
```

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(163, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 147) }
```

Border

The CSS property to change the border of an element to XYZ 33.1156, 35.3829, 32.6880 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(163, 161, 147) }
```


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

```
.border{ border-color:rgb(163, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 161, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 161, 147); box-shadow:4px 4px 4px 4px rgb(163, 161, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1156, 35.3829, 32.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 147) }
```

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

```
.background{ background-color: rgb(163,  
161, 147) }
```

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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