

Converting Colors

XYZ(33.0389, 36.1247, 33.1690)

Have a look what the booklet for
XYZ(33.0389, 36.1247, 33.1690)
contains.

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Color

**XYZ(33.1180, 36.1626,
33.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A494
RGB	160, 164, 148
RGB Percent	63%, 64%, 58%
CMY	0.3725, 0.3568, 0.4196
CMYK	0.02, 0.00, 0.10, 0.36
HSL	75°, 8%, 61%
HSV	75°, 10%, 64%
XYZ	33.1180, 36.1626, 33.2516
YIQ	160.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

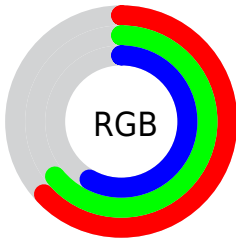
Format	Color
RYB	148, 164, 152
Decimal	10527892
CIELab	66.64, -4.38, 7.81
CIELCh	67, 8.953, 119.319
Yxy	36.1626, 0.3230, 0.3527
Android (android.graphics.Color)	4288717972 (0xFFA0A494)
YUV	160.9800, -6.3991, -0.8595
Hunter-Lab	60.1353, -6.9326, 9.3106

Details

The XYZ color **33.1180, 36.1626, 33.2516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2410, 30.5365, 39.4241**, and the grayscale version is **33.8957, 35.6609, 38.8347**.

A 20% lighter version of the original color is **64.0165, 69.3744, 65.8937**, and **14.2585, 15.7026, 13.5887** is the 20% darker color. If you saturate the color by 10%, you get **31.1045, 35.2652, 26.8544**, and if you desaturate by 10%, it is **35.3445, 37.1507, 40.6205**.

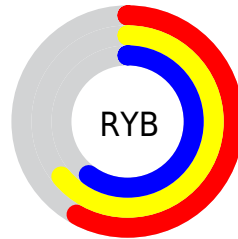
Distribution



Red (63%)

Green (64%)

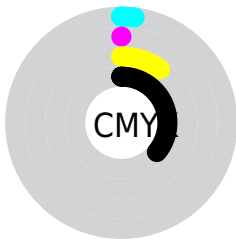
Blue (58%)



Red (58%)

Yellow (64%)

Blue (60%)

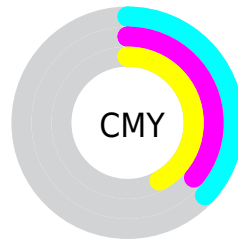


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (37%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1180, 36.1626, 33.2516 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 33.1180, 36.1626, 33.2516 by changing the saturation by 10% instead.

■ 33.1180, 36.1626,
33.2516

■ 33.1180, 36.1626,
33.2516

307.8367,
329.6707, 331.4486

■ 22.3765, 24.5598,
22.0466

■ 63.9132, 69.2830,
65.8887

■ 14.2520, 15.7494,
13.6925

■ 84.6976, 91.5693,
88.1578

■ 8.3790, 9.3470,
7.7708

109.5603,
118.1856, 114.9520

■ 4.3922, 4.9682,
3.8630

138.8667,
149.5163, 146.6899

■ 1.9263, 2.2286,
1.5505

172.9823,
185.9458, 183.7899

■ 0.5921, 0.7355,
0.2551

212.2722,

■ 0.0000, 0.0000,

227.8584, 226.6707

0.0000

257.1019,
275.6386, 275.7508

■ 33.1180, 36.1626,
33.2516

■ 33.1180, 36.1626,
33.2516

■ 31.1045, 35.2652,
26.8544

■ 35.3445, 37.1507,
40.6205

■ 29.2931, 34.4505,
21.3860

■ 37.7886, 38.2278,
48.9967

■ 27.6762, 33.7168,
16.8037

■ 40.4584, 39.3984,
58.4174

■ 26.2448, 33.0602,
13.0607

■ 43.3605, 40.6651,
68.9166

■ 24.9889, 32.4769,
10.1058

■ 46.5015, 42.0306,
80.5272

■ 23.8974, 31.9622,
7.8823

■ 49.8876, 43.4974,
93.2805

■ 22.9577, 31.5113,
6.3258

■ 52.2424, 44.5550,
100.4542

■ 22.1554, 31.1182,
5.3608

■ 53.2725, 45.0861,
100.5025

■ 21.4582, 30.7701,
4.8197

■ 54.3317, 45.6321,
100.5520

Harmonies

Analogous

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



34.4023, 36.1626, 32.4099



33.1180, 36.1626, 33.2516



32.1905, 36.1626, 35.7079

Triad

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



33.1180, 36.1626, 33.2516



33.0660, 36.1626, 46.1092



37.0285, 36.1626, 39.4632

Complementary

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



33.1180, 36.1626, 33.2516



30.2410, 30.5365, 39.4241

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.



36.6488, 36.1626, 43.2848



33.1180, 36.1626, 33.2516



34.3407, 36.1626, 47.2725

Square

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



33.1180, 36.1626, 33.2516



32.1610, 36.1626, 43.1223



35.6562, 36.1626, 46.2073



36.6810, 36.1626, 35.8512

Rectangle

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



33.1180, 36.1626, 33.2516



31.8872, 36.1626, 38.0153



35.6562, 36.1626, 46.2073



36.9816, 36.1626, 40.7666

Sweetspot

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



33.1190, 36.1642, 33.2524



62.7771, 66.8227, 69.1182



31.8846, 32.4882, 32.6079



13.6543, 14.5777, 14.8777



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.



33.1190, 36.1642, 33.2524



59.1758, 65.2234, 57.3282



31.5708, 35.3661, 33.1799



7.4756, 8.1477, 7.5587



16.4848, 23.6087, 3.6881



0.3856, 0.5163, 0.0793

Inverse Universe

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



30.2410, 30.5365, 39.4241



52.7390, 52.6362, 71.1325



31.7892, 31.3346, 39.4965



6.8588, 6.9416, 8.8814



5.8780, 2.4367, 27.0903



0.1638, 0.0720, 0.5711

Previews

White Background



This preview shows how the XYZ color 33.1180, 36.1626, 33.2516 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 33.1180, 36.1626, 33.2516 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 33.1180, 36.1626, 33.2516

Background



This preview shows how black text looks on a background with the XYZ color 33.1180, 36.1626, 33.2516.



This preview shows how white text looks on a background with the XYZ color 33.1180, 36.1626,

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

33.1180, 36.1626, 33.2516

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

36.6849, 35.9240, 33.8547



Tritanopia

35.4235, 36.0513, 44.6267

Trichromacy



Original Color

33.1180, 36.1626, 33.2516

Protanomaly

33.7038, 35.9466, 32.7658

Deuteranomaly

35.2785, 35.9649, 33.5163

Tritanomaly

34.5500, 35.9566, 40.2413

Monochromacy



Original Color

33.1180, 36.1626, 33.2516

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.6190, 35.8180, 36.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1180, 36.1626, 33.2516 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, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 164, 148)  
}
```

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, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 164, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.1180, 36.1626, 33.2516 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, 164, 148) }
```


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

```
.border{ border-color:rgb(160, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(160, 164,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1180, 36.1626, 33.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 164, 148) }
```

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

```
.background{ background-color: rgb(160,  
164, 148) }
```

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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