

Converting Colors

XYZ(34.9747, 36.0209, 34.0132)

Have a look what the booklet for
XYZ(34.9747, 36.0209, 34.0132)
contains.

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Color

**XYZ(35.0891, 36.1143,
33.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA096
RGB	172, 160, 150
RGB Percent	67%, 63%, 59%
CMY	0.3255, 0.3725, 0.4118
CMYK	0.00, 0.07, 0.13, 0.33
HSL	27°, 12%, 63%
HSV	27°, 13%, 67%
XYZ	35.0891, 36.1143, 33.9755
YIQ	162.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

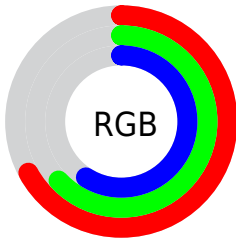
Format	Color
RYB	172, 168, 150
Decimal	11313302
CIELab	66.61, 2.62, 6.77
CIELCh	67, 7.262, 68.844
Yxy	36.1143, 0.3336, 0.3434
Android (android.graphics.Color)	4289503382 (0xFFACA096)
YUV	162.4480, -6.1369, 8.3771
Hunter-Lab	60.0952, -0.9418, 8.5463

Details

The XYZ color **35.0891, 36.1143, 33.9755** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9443, 35.3025, 44.1078**, and the grayscale version is **34.5782, 36.3789, 39.6166**.

A 20% lighter version of the original color is **66.8781, 69.2914, 66.9765**, and **15.4665, 15.8312, 14.0449** is the 20% darker color. If you saturate the color by 10%, you get **32.2397, 32.4714, 26.6867**, and if you desaturate by 10%, it is **38.2665, 40.0871, 42.3775**.

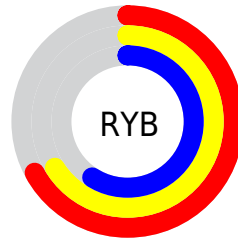
Distribution



Red (67%)

Green (63%)

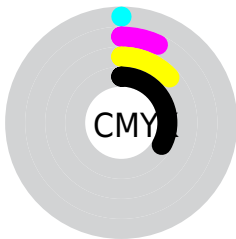
Blue (59%)



Red (67%)

Yellow (66%)

Blue (59%)

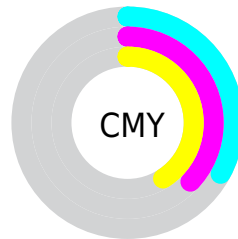


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0891, 36.1143, 33.9755 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 35.0891, 36.1143, 33.9755 by changing the saturation by 10% instead.

■ 35.0891, 36.1143,
33.9755

■ 35.0891, 36.1143,
33.9755

316.4626,
329.4599, 334.7886

■ 23.8984, 24.5225,
22.5976

■ 66.9569, 69.2084,
67.0290

■ 15.3826, 15.7217,
14.0941

■ 88.3646, 91.4796,
89.5417

■ 9.1764, 9.3274,
8.0467

113.9088,
118.0793, 116.6030

■ 4.9144, 4.9553,
4.0366

143.9546,
149.3919, 148.6316

■ 2.2314, 2.2211,
1.6455

178.8676,
185.8019, 186.0459

■ 0.7592, 0.7315,
0.3230

219.0130,

■ 0.0000, 0.0000,

227.6936, 229.2645

0.0000

264.7562,
275.4515, 278.7059

■ 35.0891, 36.1143,
33.9755

■ 35.0891, 36.1143,
33.9755

■ 32.2397, 32.4714,
26.6867

■ 38.2665, 40.0871,
42.3775

■ 29.7038, 29.1448,
20.4615

■ 41.7799, 44.3935,
51.9350

■ 27.4702, 26.1266,
15.2499

■ 45.6405, 49.0433,
62.6908

■ 25.5257, 23.4069,
10.9968

■ 49.8583, 54.0444,
74.6847

■ 23.8561, 20.9753,
7.6419

■ 54.4427, 59.4044,
87.9548

■ 22.4456, 18.8205,
5.1180

■ 59.4028, 65.1306,
102.5376

■ 21.2766, 16.9302,
3.3482

■ 62.1671, 70.1981,
104.8808

■ 20.3284, 15.2906,
2.2408

■ 64.7827, 75.4293,
105.7526

■ 19.7526, 14.2492,
1.7093

■ 67.5398, 80.9436,
106.6717

Harmonies

Analogous

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



35.9874, 36.1143, 35.6692



35.0891, 36.1143, 33.9755



34.0037, 36.1143, 33.6735

Triad

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



35.0891, 36.1143, 33.9755



32.2919, 36.1143, 40.2544



35.6597, 36.1143, 44.1954

Complementary

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



35.0891, 36.1143, 33.9755



32.9443, 35.3025, 44.1078

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.



34.6495, 36.1143, 45.5700



35.0891, 36.1143, 33.9755



32.7157, 36.1143, 43.2167

Square

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



35.0891, 36.1143, 33.9755



32.4040, 36.1143, 37.1913



33.5732, 36.1143, 45.2026



36.3217, 36.1143, 41.5332

Rectangle

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



35.0891, 36.1143, 33.9755



33.3223, 36.1143, 34.2857



33.5732, 36.1143, 45.2026



35.3487, 36.1143, 44.8296

Sweetspot

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



35.0901, 36.1159, 33.9763



68.6485, 71.7665, 74.8102



34.4505, 33.1960, 38.8212



14.8236, 15.4782, 16.0034



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0901, 36.1159, 33.9763



62.3221, 63.8258, 58.1752



37.0627, 40.0611, 34.6338



8.2939, 8.5927, 8.4348



14.7526, 10.7107, 1.2898



0.4655, 0.4082, 0.0542

Inverse Universe

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



32.9443, 35.3025, 44.1078



57.7531, 62.0937, 79.7471



31.1072, 31.6285, 43.4955



7.9272, 8.4537, 10.1666



8.5617, 8.2573, 30.1871



0.2920, 0.3373, 0.8577

Previews

White Background



This preview shows how the XYZ color 35.0891, 36.1143, 33.9755 looks on a white background.

Color Contrast Check

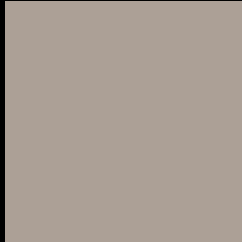
Large Text (above 18pt) WCAG AA × Fail

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 35.0891, 36.1143, 33.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

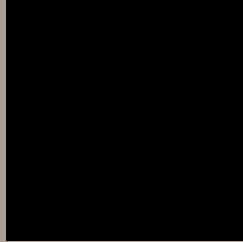
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0891, 36.1143, 33.9755

Background



This preview shows how black text looks on a background with the XYZ color 35.0891, 36.1143, 33.9755.



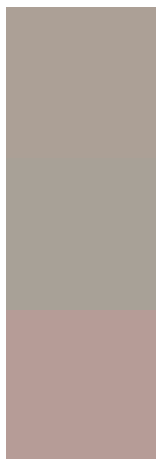
This preview shows how white text looks on a background with the XYZ color 35.0891, 36.1143,

33.9755.

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

35.0891, 36.1143, 33.9755

Protanopia

34.4792, 36.0489, 34.4190

Deuteranopia

36.7658, 35.9564, 34.2807



Tritanopia

36.8976, 36.0925, 42.5579

Trichromacy



Original Color

35.0891, 36.1143, 33.9755

Protanomaly

34.6930, 36.1591, 34.4290

Deuteranomaly

36.0030, 35.8133, 34.2932

Tritanomaly

36.2040, 36.0610, 39.2347

Monochromacy



Original Color

35.0891, 36.1143, 33.9755

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6423, 36.0654, 37.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0891, 36.1143, 33.9755 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(172, 160, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 160, 150)  
}
```

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(172, 160, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 160, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.0891, 36.1143, 33.9755 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(172, 160, 150) }
```


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

```
.border{ border-color:rgb(172, 160, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 160, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 160,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0891, 36.1143, 33.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 160, 150) }
```

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

```
.background{ background-color: rgb(172,  
160, 150) }
```

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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