

Converting Colors

XYZ(35.4906, 36.5467, 32.1123)

Have a look what the booklet for
XYZ(35.4906, 36.5467, 32.1123)
contains.

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Color

**XYZ(35.5349, 36.6480,
31.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA191
RGB	175, 161, 145
RGB Percent	69%, 63%, 57%
CMY	0.3137, 0.3686, 0.4314
CMYK	0.00, 0.08, 0.17, 0.31
HSL	32°, 16%, 63%
HSV	32°, 17%, 69%
XYZ	35.5349, 36.6480, 31.9890
YIQ	163.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

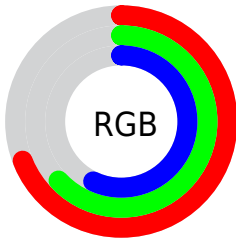
Format	Color
RYB	171, 175, 145
Decimal	11510161
CIELab	67.01, 2.39, 10.17
CIELCh	67, 10.444, 76.783
Yxy	36.6480, 0.3411, 0.3518
Android (android.graphics.Color)	4289700241 (0xFFAFA191)
YUV	163.3620, -9.0525, 10.2065
Hunter-Lab	60.5376, -1.1632, 11.0466

Details

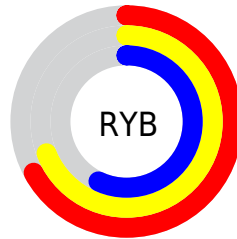
The XYZ color **35.5349, 36.6480, 31.9890** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8130, 33.9105, 45.4264**, and the grayscale version is **35.0217, 36.8455, 40.1248**.

A 20% lighter version of the original color is **67.8197, 70.2242, 64.0130**, and **15.6675, 16.1157, 13.1113** is the 20% darker color. If you saturate the color by 10%, you get **32.9078, 33.3894, 24.9608**, and if you desaturate by 10%, it is **38.4650, 40.1794, 40.1447**.

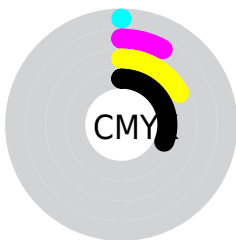
Distribution



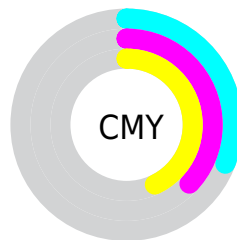
- Red (69%)
- Green (63%)
- Blue (57%)



- Red (67%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5349, 36.6480, 31.9890 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 35.5349, 36.6480, 31.9890 by changing the saturation by 10% instead.


 35.5349, 36.6480,
31.9890


 35.5349, 36.6480,
31.9890


318.3899,
331.7840, 325.5603

 24.2436, 24.9351,
21.0883


 67.6422, 70.0311,
63.8916

 15.6402, 16.0287,
12.9967


 89.1889, 92.4700,
85.7305

 9.3591, 9.5445,
7.2956


114.8848,
119.2531, 112.0527

 5.0351, 5.0980,
3.5664

145.0953,
150.7646, 143.2766

 2.3029, 2.3049,
1.3906

180.1857,
187.3891, 179.8208

 0.7961, 0.7763,
0.1344

220.5214,

 0.0000, 0.0000,

229.5109, 222.1038

0.0000

266.4676,
277.5144, 270.5441

■ 35.5349, 36.6480,
31.9890

■ 35.5349, 36.6480,
31.9890

■ 32.9078, 33.3894,
24.9608

■ 38.4650, 40.1794,
40.1447

■ 30.5696, 30.3914,
19.0071

■ 41.7059, 43.9857,
49.4728

■ 28.5092, 27.6478,
14.0744

■ 45.2684, 48.0752,
60.0187

■ 26.7136, 25.1506,
10.1034

■ 49.1622, 52.4543,
71.8247

■ 25.1686, 22.8908,
7.0286

■ 53.3964, 57.1292,
84.9309

■ 23.8582, 20.8590,
4.7763

■ 57.9798, 62.1060,
99.3757

■ 22.7643, 19.0445,
3.2608

■ 60.8417, 66.5587,
104.2482

■ 21.8610, 17.4336,
2.3564

■ 63.0135, 70.9023,
104.9721

■ 21.6247, 17.0048,
2.1425

■ 65.2911, 75.4575,
105.7313

Harmonies

Analogous

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



36.9636, 36.6480, 33.8697



35.5349, 36.6480, 31.9890



33.9595, 36.6480, 32.1106

Triad

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



35.5349, 36.6480, 31.9890



31.9934, 36.6480, 42.4794



37.1034, 36.6480, 46.1892

Complementary

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



35.5349, 36.6480, 31.9890



31.8130, 33.9105, 45.4264

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.



35.7210, 36.6480, 48.8650



35.5349, 36.6480, 31.9890



32.7856, 36.6480, 46.6143

Square

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



35.5349, 36.6480, 31.9890



31.9470, 36.6480, 37.9392



34.1401, 36.6480, 49.0262



37.8875, 36.6480, 41.9343

Rectangle

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



35.5349, 36.6480, 31.9890



33.0381, 36.6480, 33.3079



34.1401, 36.6480, 49.0262



36.6914, 36.6480, 47.3168

Sweetspot

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



35.5359, 36.6496, 31.9898



70.0360, 73.3200, 75.1575



34.0630, 31.8685, 37.1573



15.4803, 16.1943, 16.4596



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.5359, 36.6496, 31.9898



61.5919, 63.1152, 51.7382



37.8967, 41.7033, 32.8408



8.3457, 8.6962, 8.4520



15.5481, 12.3018, 1.5550



0.4866, 0.4504, 0.0613

Inverse Universe

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



31.8130, 33.9105, 45.4264



53.5254, 57.1808, 80.8528



29.7178, 29.4575, 44.6773



7.8754, 8.3501, 10.1494



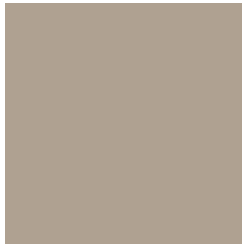
7.7436, 6.6211, 29.9144



0.2705, 0.2943, 0.8505

Previews

White Background



This preview shows how the XYZ color 35.5349, 36.6480, 31.9890 looks on a white background.

Color Contrast Check

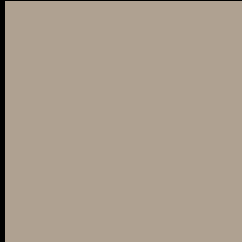
Large Text (above 18pt) WCAG AA × Fail

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 35.5349, 36.6480, 31.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

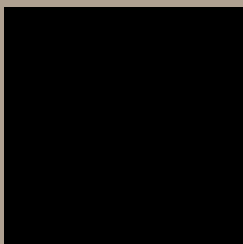
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

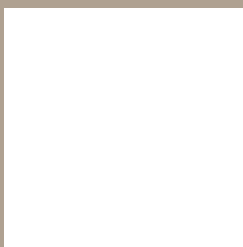
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5349, 36.6480, 31.9890

Background



This preview shows how black text looks on a background with the XYZ color 35.5349, 36.6480, 31.9890.



This preview shows how white text looks on a background with the XYZ color 35.5349, 36.6480,

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

35.5349, 36.6480, 31.9890

Protanopia

34.8631, 36.8158, 32.4628

Deuteranopia

37.2529, 36.5036, 32.2766



Tritanopia

37.6728, 36.4812, 43.0862

Trichromacy



Original Color

35.5349, 36.6480, 31.9890

Protanomaly

35.1219, 36.6866, 32.4242

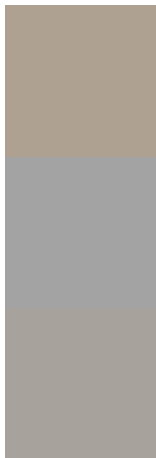
Deuteranomaly

36.4712, 36.3528, 32.2887

Tritanomaly

36.7913, 36.3740, 38.8000

Monochromacy



Original Color

35.5349, 36.6480, 31.9890

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8574, 36.4565, 36.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5349, 36.6480, 31.9890 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(175, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 145)  
}
```

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(175, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.5349, 36.6480, 31.9890 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(175, 161, 145) }
```


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

```
.border{ border-color:rgb(175, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5349, 36.6480, 31.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 145) }
```

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

```
.background{ background-color: rgb(175,  
161, 145) }
```

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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