

Converting Colors

XYZ(36.4307, 38.1934, 35.7993)

Have a look what the booklet for
XYZ(36.4307, 38.1934, 35.7993)
contains.

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Color

**XYZ(36.2182, 37.9808,
35.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA599
RGB	172, 165, 153
RGB Percent	67%, 65%, 60%
CMY	0.3255, 0.3529, 0.4000
CMYK	0.00, 0.04, 0.11, 0.33
HSL	38°, 10%, 64%
HSV	38°, 11%, 67%
XYZ	36.2182, 37.9808, 35.5591
YIQ	165.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

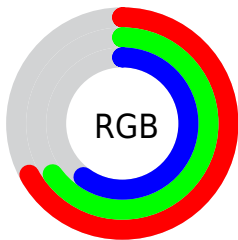
Format	Color
RYB	164, 172, 153
Decimal	11314585
CIELab	68.01, 0.40, 7.11
CIELCh	68, 7.120, 86.811
Yxy	37.9808, 0.3300, 0.3460
Android (android.graphics.Color)	4289504665 (0xFFACA599)
YUV	165.7250, -6.2734, 5.5032
Hunter-Lab	61.6286, -2.9482, 8.9302

Details

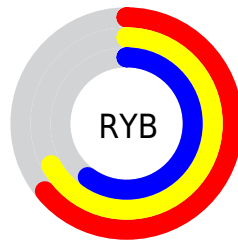
The XYZ color **36.2182, 37.9808, 35.5591** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1541, 34.8920, 44.0177**, and the grayscale version is **36.1402, 38.0223, 41.4063**.

A 20% lighter version of the original color is **68.5342, 72.0223, 69.3210**, and **16.0491, 16.7626, 14.9600** is the 20% darker color. If you saturate the color by 10%, you get **33.7847, 35.2256, 28.2371**, and if you desaturate by 10%, it is **38.9152, 40.9345, 43.9802**.

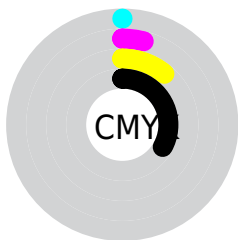
Distribution



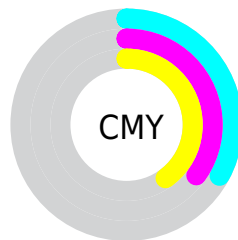
- Red (67%)
- Green (65%)
- Blue (60%)



- Red (64%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2182, 37.9808, 35.5591 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 36.2182, 37.9808, 35.5591 by changing the saturation by 10% instead.

■ 36.2182, 37.9808,
35.5591

■ 36.2182, 37.9808,
35.5591

321.3279,
337.5376, 342.0083

■ 24.7737, 25.9678,
23.8069

■ 68.6904, 72.0787,
69.5124

■ 16.0363, 16.7995,
14.9796

■ 90.4487, 94.9324,
92.5505

■ 9.6409, 10.0917,
8.6586

116.3757,
122.1684, 120.1877

■ 5.2219, 5.4598,
4.4254

146.8367,
154.1712, 152.8425

■ 2.4142, 2.5195,
1.8615

182.1971,
191.3251, 190.9334

■ 0.8522, 0.8864,
0.4681

222.8222,

■ 0.0000, 0.0000,

234.0145, 234.8789

0.0000

269.0773,
282.6239, 285.0977

■ 36.2182, 37.9808,
35.5591

■ 36.2182, 37.9808,
35.5591

■ 33.7847, 35.2256,
28.2371

■ 38.9152, 40.9345,
43.9802

■ 31.6021, 32.6587,
21.9655

■ 41.8815, 44.0865,
53.5415

■ 29.6613, 30.2765,
16.6958

■ 45.1268, 47.4431,
64.2848

■ 27.9511, 28.0731,
12.3743

■ 48.6591, 51.0089,
76.2490

■ 26.4598, 26.0424,
8.9424

■ 52.4863, 54.7880,
89.4716

■ 25.1741, 24.1778,
6.3351

■ 56.4217, 58.7071,
102.9656

■ 24.0791, 22.4717,
4.4780

■ 57.9484, 61.7605,
103.4745

■ 23.1572, 20.9157,
3.2837

■ 59.5369, 64.9376,
104.0040

■ 22.4458, 19.6354,
2.6070

■ 61.1880, 68.2397,
104.5544

Harmonies

Analogous

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



37.2779, 37.9808, 36.4577



36.2182, 37.9808, 35.5591



35.1475, 37.9808, 36.1466

Triad

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



36.2182, 37.9808, 35.5591



34.2321, 37.9808, 44.1670



37.9113, 37.9808, 44.7839

Complementary

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



36.2182, 37.9808, 35.5591



33.1541, 34.8920, 44.0177

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.



37.0687, 37.9808, 47.0403



36.2182, 37.9808, 35.5591



34.9464, 37.9808, 46.6716

Square

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



36.2182, 37.9808, 35.5591



34.0148, 37.9808, 41.0163



35.9813, 37.9808, 47.7480



38.2679, 37.9808, 41.6948

Rectangle

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



36.2182, 37.9808, 35.5591



34.5691, 37.9808, 37.3193



35.9813, 37.9808, 47.7480



37.6747, 37.9808, 45.6708

Sweetspot

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



36.2192, 37.9825, 35.5599



69.5763, 73.1564, 76.5556



34.7750, 34.1017, 38.1378



15.0342, 15.8048, 16.3654



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.



36.2192, 37.9825, 35.5599



64.7006, 67.7814, 61.4381



37.0336, 40.3275, 35.9696



8.4109, 8.8267, 8.4738



16.7569, 14.7192, 1.9579



0.5160, 0.5092, 0.0711

Inverse Universe

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



33.1541, 34.8920, 44.0177



58.1379, 61.1647, 79.5475



32.3974, 32.7516, 43.6444



7.8114, 8.2222, 10.1280



6.9269, 4.9876, 29.6421



0.2459, 0.2451, 0.8423

Previews

White Background



This preview shows how the XYZ color 36.2182, 37.9808, 35.5591 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 36.2182, 37.9808, 35.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

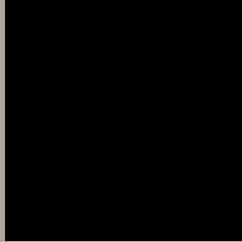
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

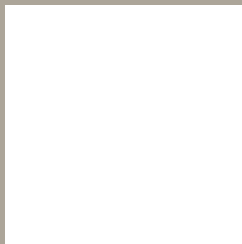
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2182, 37.9808, 35.5591

Background



This preview shows how black text looks on a background with the XYZ color 36.2182, 37.9808, 35.5591.

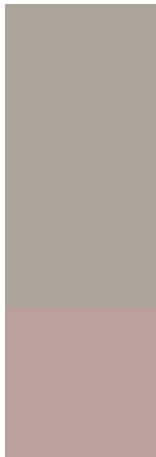


This preview shows how white text looks on a background with the XYZ color 36.2182, 37.9808,

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

36.2182, 37.9808, 35.5591

Protanopia

36.2182, 37.9808, 35.5591

Deuteranopia

38.6532, 37.9138, 35.8527



Tritanopia

38.3374, 38.0498, 45.8812

Trichromacy



Original Color

36.2182, 37.9808, 35.5591

Protanomaly

36.2182, 37.9808, 35.5591

Deuteranomaly

37.8091, 37.9975, 35.9133

Tritanomaly

37.5278, 37.9831, 41.9128

Monochromacy



Original Color

36.2182, 37.9808, 35.5591

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2177, 38.1705, 39.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2182, 37.9808, 35.5591 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, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 153)  
}
```

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, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.2182, 37.9808, 35.5591 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, 165, 153) }
```


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

```
.border{ border-color:rgb(172, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2182, 37.9808, 35.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 153) }
```

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

```
.background{ background-color: rgb(172,  
165, 153) }
```

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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