

Converting Colors

XYZ(36.4759, 35.3808, 35.3981)

Have a look what the booklet for
XYZ(36.4759, 35.3808, 35.3981)
contains.

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Color

**XYZ(36.4444, 35.2681,
35.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A9A
RGB	181, 154, 154
RGB Percent	71%, 60%, 60%
CMY	0.2902, 0.3961, 0.3961
CMYK	0.00, 0.15, 0.15, 0.29
HSL	0°, 15%, 66%
HSV	0°, 15%, 71%
XYZ	36.4444, 35.2681, 35.4584
YIQ	162.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

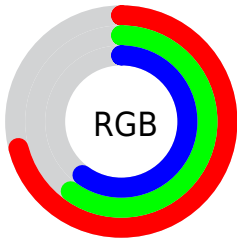
Format	Color
RYB	181, 154, 154
Decimal	11901594
CIELab	65.96, 9.98, 3.71
CIElCh	66, 10.649, 20.363
Yxy	35.2681, 0.3401, 0.3291
Android (android.graphics.Color)	4290091674 (0xFFB59A9A)
YUV	162.0730, -3.9800, 16.5990
Hunter-Lab	59.3870, 5.6142, 6.1704

Details

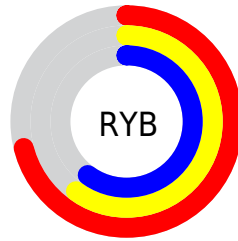
The XYZ color **36.4444, 35.2681, 35.4584** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1904, 43.2529, 50.0522**, and the grayscale version is **34.3905, 36.1814, 39.4016**.

A 20% lighter version of the original color is **68.8661, 67.6703, 69.1066**, and **16.2005, 15.2690, 14.9253** is the 20% darker color. If you saturate the color by 10%, you get **32.2842, 29.1807, 27.1865**, and if you desaturate by 10%, it is **41.2843, 42.3503, 45.0791**.

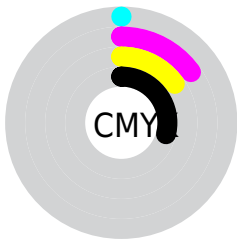
Distribution



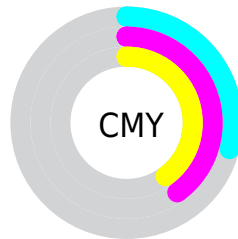
- Red (71%)
- Green (60%)
- Blue (60%)



- Red (71%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4444, 35.2681, 35.4584 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 36.4444, 35.2681, 35.4584 by changing the saturation by 10% instead.


 36.4444, 35.2681,
35.4584


 36.4444, 35.2681,
35.4584


322.2962,
325.7501, 341.5526

 24.9493, 23.8695,
23.7298


 69.0368, 67.9009,
69.3549

 16.1678, 15.2368,
14.9230


 90.8649, 89.9038,
92.3599

 9.7346, 8.9858,
8.6193


116.8680,
116.2103, 119.9608

 5.2842, 4.7319,
4.4003

147.4114,
147.2048, 152.5761

 2.4515, 2.0908,
1.8474

182.8606,
183.2716, 190.6245

 0.8708, 0.6595,
0.4590

223.5809,

 0.0000, 0.0000,

224.7952, 234.5243

0.0000

269.9377,
272.1599, 284.6941

■ 36.4444, 35.2681,
35.4584

■ 36.4444, 35.2681,
35.4584

■ 32.2842, 29.1807,
27.1865

■ 41.2843, 42.3503,
45.0791

■ 28.7704, 24.0391,
20.2012

■ 46.8293, 50.4639,
56.1029

■ 25.8716, 19.7973,
14.4385

■ 53.1070, 59.6497,
68.5835

■ 23.5523, 16.4035,
9.8281

■ 60.1428, 69.9448,
82.5714

■ 21.7737, 13.8008,
6.2926

■ 67.9608, 81.3844,
98.1144

■ 20.4920, 11.9253,
3.7450

■ 72.8662, 88.5638,
107.8618

■ 19.6569, 10.7030,
2.0851

■ 19.2067, 10.0442,
1.1906

■ 19.0565, 9.8244,
0.8919

Harmonies

Analogous

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



36.5997, 35.2681, 39.8727



36.4444, 35.2681, 35.4584



35.4925, 35.2681, 32.0954

Triad

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



36.4444, 35.2681, 35.4584



31.2405, 35.2681, 33.1246



33.0164, 35.2681, 47.6122

Complementary

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



36.4444, 35.2681, 35.4584



38.1904, 43.2529, 50.0522

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.



31.6244, 35.2681, 45.4826



36.4444, 35.2681, 35.4584



30.6205, 35.2681, 36.9659

Square

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



36.4444, 35.2681, 35.4584



32.4774, 35.2681, 30.8231



30.7588, 35.2681, 41.5020



34.5873, 35.2681, 47.1290

Rectangle

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



36.4444, 35.2681, 35.4584



34.5504, 35.2681, 30.7906



30.7588, 35.2681, 41.5020



32.5128, 35.2681, 47.1722

Sweetspot

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



36.4454, 35.2697, 35.4591



74.7331, 77.0102, 82.3143



38.9525, 36.2716, 48.6645



16.0019, 16.4242, 17.4916



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.4454, 35.2697, 35.4591



62.6174, 59.2818, 58.2278



38.7997, 39.9782, 36.2439



8.4965, 8.5054, 8.8464



13.1371, 6.7727, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



38.1904, 43.2529, 50.0522



66.3625, 76.4148, 89.5465



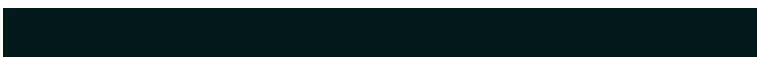
35.5778, 38.0276, 49.1813



8.7426, 9.6314, 10.9046



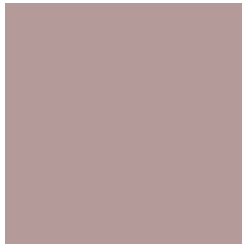
17.1377, 25.0757, 34.0738



0.5393, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 36.4444, 35.2681, 35.4584 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 36.4444, 35.2681, 35.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

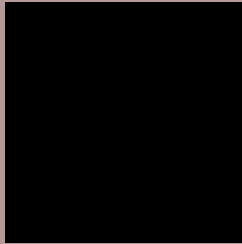
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4444, 35.2681, 35.4584

Background



This preview shows how black text looks on a background with the XYZ color 36.4444, 35.2681, 35.4584.



This preview shows how white text looks on a background with the XYZ color 36.4444, 35.2681,

35.4584.

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

36.4444, 35.2681, 35.4584

Protanopia

33.9665, 35.4684, 36.9542

Deuteranopia

35.9142, 35.2408, 35.4811



Tritanopia

37.2205, 35.0819, 39.9317

Trichromacy



Original Color

36.4444, 35.2681, 35.4584

Protanomaly

34.8052, 35.4001, 36.4510

Deuteranomaly

36.1445, 35.3595, 35.4919

Tritanomaly

37.0278, 35.2656, 38.1131

Monochromacy



Original Color

36.4444, 35.2681, 35.4584

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.0183, 35.7345, 37.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4444, 35.2681, 35.4584 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(181, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 154)  
}
```

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(181, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.4444, 35.2681, 35.4584 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(181, 154, 154) }
```


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

```
.border{ border-color:rgb(181, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4444, 35.2681, 35.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 154) }
```

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

```
.background{ background-color: rgb(181,  
154, 154) }
```

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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