

Converting Colors

XYZ(36.6950, 35.9650, 35.9248)

Have a look what the booklet for
XYZ(36.6950, 35.9650, 35.9248)
contains.

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Color

**XYZ(36.6273, 35.8468,
35.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	B49C9B
RGB	180, 156, 155
RGB Percent	71%, 61%, 61%
CMY	0.2941, 0.3882, 0.3922
CMYK	0.00, 0.13, 0.14, 0.29
HSL	2°, 14%, 66%
HSV	2°, 14%, 71%
XYZ	36.6273, 35.8468, 35.9990
YIQ	163.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

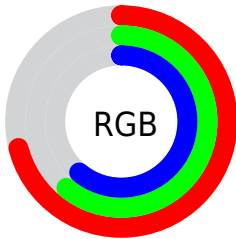
Format	Color
RYB	180, 156, 155
Decimal	11836571
CIELab	66.40, 8.67, 3.78
CIELCh	66, 9.456, 23.552
Yxy	35.8468, 0.3377, 0.3305
Android (android.graphics.Color)	4290026651 (0xFFB49C9B)
YUV	163.0620, -3.9746, 14.8546
Hunter-Lab	59.8722, 4.4225, 6.2616

Details

The XYZ color **36.6273, 35.8468, 35.9990** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8757, 42.5033, 49.3882**, and the grayscale version is **34.8562, 36.6714, 39.9352**.

A 20% lighter version of the original color is **69.3950, 69.0248, 69.9872**, and **16.3027, 15.6147, 15.2514** is the 20% darker color. If you saturate the color by 10%, you get **32.5311, 29.8957, 27.7232**, and if you desaturate by 10%, it is **41.3633, 42.7160, 45.6007**.

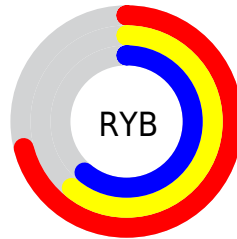
Distribution



Red (71%)

Green (61%)

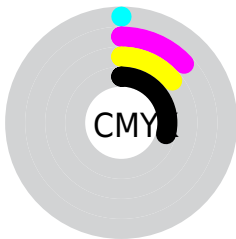
Blue (61%)



Red (71%)

Yellow (61%)

Blue (61%)

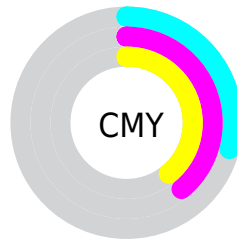


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (29%)



Cyan (29%)

Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6273, 35.8468, 35.9990 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 36.6273, 35.8468, 35.9990 by changing the saturation by 10% instead.


 36.6273, 35.8468,
35.9990


 36.6273, 35.8468,
35.9990


323.0777,
328.2904, 343.9935

 25.0914, 24.3159,
24.1437


 69.3168, 68.7955,
70.1995

 16.2743, 15.5681,
15.2271

 91.2010, 90.9822,
93.3819

 9.8105, 9.2191,
8.8305


117.2655,
117.4895, 121.1771

 5.3348, 4.8843,
4.5355

147.8755,
148.7019, 154.0035

 2.4818, 2.1796,
1.9235

183.3963,
185.0038, 192.2799

 0.8861, 0.7088,
0.5076

224.1934,

 0.0000, 0.0000,

226.7796, 236.4246

0.0000

270.6321,
274.4137, 286.8563

■ 36.6273, 35.8468,
35.9990

■ 36.6273, 35.8468,
35.9990

■ 32.5311, 29.8957,
27.7232

■ 41.3633, 42.7160,
45.6007

■ 29.0445, 24.8194,
20.7129

■ 46.7617, 50.5350,
56.5806

■ 26.1392, 20.5781,
14.9064

■ 52.8477, 59.3396,
68.9908

■ 23.7835, 17.1271,
10.2361

■ 59.6444, 69.1624,
82.8802

■ 21.9429, 14.4174,
6.6275

■ 67.1736, 80.0346,
98.2953

■ 20.5788, 12.3949,
3.9972

■ 72.6326, 88.4434,
107.8509

■ 19.6472, 10.9977,
2.2497

■ 19.0958, 10.1532,
1.2699

■ 18.9010, 9.8602,
0.9070

Harmonies

Analogous

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



36.8476, 35.8468, 39.9129



36.6273, 35.8468, 35.9990



35.7137, 35.8468, 33.0916

Triad

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



36.6273, 35.8468, 35.9990



31.9289, 35.8468, 34.5816



33.7666, 35.8468, 47.2989

Complementary

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



36.6273, 35.8468, 35.9990



37.8757, 42.5033, 49.3882

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.



32.4800, 35.8468, 45.6418



36.6273, 35.8468, 35.9990



31.4381, 35.8468, 38.1623

Square

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



36.6273, 35.8468, 35.9990



32.9955, 35.8468, 32.3137



31.6371, 35.8468, 42.2288



35.1703, 35.8468, 46.6202

Rectangle

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



36.6273, 35.8468, 35.9990



34.8477, 35.8468, 32.0234



31.6371, 35.8468, 42.2288



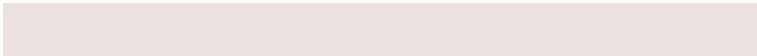
33.3066, 35.8468, 46.9930

Sweetspot

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



36.6283, 35.8484, 35.9998



74.8348, 77.2136, 82.3482



38.6978, 36.4079, 47.7246



16.0276, 16.4758, 17.5002



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.



36.6283, 35.8484, 35.9998



63.7593, 61.1452, 59.9045



38.8035, 40.1989, 36.7248



8.5228, 8.5581, 8.8552



13.2035, 6.9056, 0.6370



0.4244, 0.2353, 0.0230

Inverse Universe

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



37.8757, 42.5033, 49.3882



66.5093, 75.8172, 89.4234



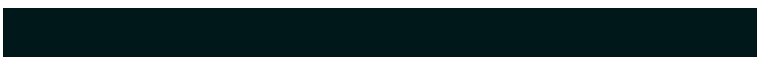
35.5140, 37.7798, 48.6010



8.7129, 9.5719, 10.8947



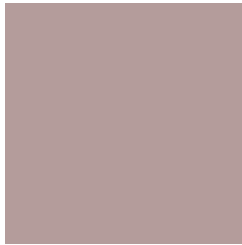
16.1618, 23.1239, 33.7485



0.5175, 0.7455, 1.0649

Previews

White Background



This preview shows how the XYZ color 36.6273, 35.8468, 35.9990 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 36.6273, 35.8468, 35.9990 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 36.6273, 35.8468, 35.9990

Background



This preview shows how black text looks on a background with the XYZ color 36.6273, 35.8468, 35.9990.



This preview shows how white text looks on a background with the XYZ color 36.6273, 35.8468,

35.9990.

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

36.6273, 35.8468, 35.9990

Protanopia

34.4335, 35.9577, 37.4734

Deuteranopia

36.6273, 35.8468, 35.9990



Tritanopia

37.4946, 35.6881, 40.9887

Trichromacy



Original Color

36.6273, 35.8468, 35.9990

Protanomaly

35.0615, 35.7766, 36.9559

Deuteranomaly

36.6273, 35.8468, 35.9990

Tritanomaly

37.2990, 35.8751, 39.1411

Monochromacy



Original Color

36.6273, 35.8468, 35.9990

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2782, 36.1147, 38.3692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6273, 35.8468, 35.9990 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(180, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(180, 156, 155)  
}
```

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(180, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.6273, 35.8468, 35.9990 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(180, 156, 155) }
```


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

```
.border{ border-color:rgb(180, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(180, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6273, 35.8468, 35.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 156, 155) }
```

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

```
.background{ background-color: rgb(180,  
156, 155) }
```

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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