

Converting Colors

XYZ(35.9237, 34.6293, 34.2855)

Have a look what the booklet for
XYZ(35.9237, 34.6293, 34.2855)
contains.

XYZ(35.9518, 34.5472, 34.4792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9518, 34.5472,
34.4792)**

Conversions

Conversions Part 1

Format	Color
Hex	B59898
RGB	181, 152, 152
RGB Percent	71%, 60%, 60%
CMY	0.2902, 0.4039, 0.4039
CMYK	0.00, 0.16, 0.16, 0.29
HSL	0°, 16%, 65%
HSV	0°, 16%, 71%
XYZ	35.9518, 34.5472, 34.4792
YIQ	160.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

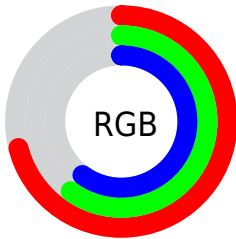
Format	Color
RYB	181, 152, 152
Decimal	11901080
CIELab	65.39, 10.76, 4.01
CIELCh	65, 11.487, 20.456
Yxy	34.5472, 0.3425, 0.3291
Android (android.graphics.Color)	4290091160 (0xFFB59898)
YUV	160.6710, -4.2748, 17.8285
Hunter-Lab	58.7769, 6.3228, 6.3636

Details

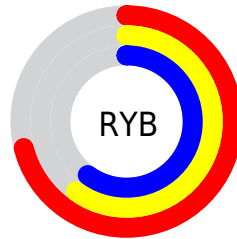
The XYZ color **35.9518, 34.5472, 34.4792** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8131, 43.0585, 50.0346**, and the grayscale version is **33.7380, 35.4950, 38.6540**.

A 20% lighter version of the original color is **68.1369, 66.6034, 67.6571**, and **15.9047, 14.8361, 14.3373** is the 20% darker color. If you saturate the color by 10%, you get **31.8645, 28.5666, 26.3526**, and if you desaturate by 10%, it is **40.7154, 41.5178, 43.9482**.

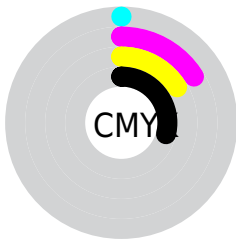
Distribution



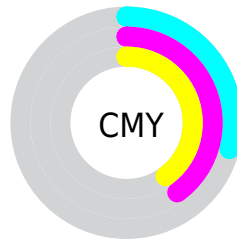
- Red (71%)
- Green (60%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (29%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9518, 34.5472, 34.4792 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 35.9518, 34.5472, 34.4792 by changing the saturation by 10% instead.


 35.9518, 34.5472,
34.4792


 35.9518, 34.5472,
34.4792


320.1847,
322.5652, 337.0977

 24.5669, 23.3143,
22.9816

 68.2820, 66.7837,
67.8206

 15.8817, 14.8257,
14.3748


 89.9581, 88.5561,
90.5015

 9.5308, 8.6972,
8.2401


115.7952,
114.6104, 117.7472

 5.1488, 4.5442,
4.1590

146.1588,
145.3311, 149.9763

 2.3705, 1.9824,
1.7130

181.4142,
181.1025, 187.6074

 0.8304, 0.5972,
0.3696

221.9267,

 0.0000, 0.0000,

222.3091, 231.0590

0.0000

268.0618,
269.3352, 280.7495

■ 35.9518, 34.5472,
34.4792

■ 35.9518, 34.5472,
34.4792

■ 31.8645, 28.5666,
26.3526

■ 40.7154, 41.5178,
43.9482

■ 28.4203, 23.5268,
19.5056

■ 46.1811, 49.5156,
54.8143

■ 25.5873, 19.3812,
13.8737

■ 52.3767, 58.5813,
67.1314

■ 23.3298, 16.0778,
9.3860

■ 59.3277, 68.7523,
80.9504

■ 21.6084, 13.5588,
5.9642

■ 67.0583, 80.0641,
96.3194

■ 20.3787, 11.7594,
3.5199

■ 72.8662, 88.5638,
107.8618

■ 19.5894, 10.6043,
1.9511

■ 19.1740, 9.9963,
1.1257

■ 19.0564, 9.8243,
0.8919

Harmonies

Analogous

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



36.1207, 34.5472, 39.1686



35.9518, 34.5472, 34.4792



34.9328, 34.5472, 30.9329

Triad

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



35.9518, 34.5472, 34.4792



30.4111, 34.5472, 32.0359



32.3042, 34.5472, 47.4807

Complementary

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



35.9518, 34.5472, 34.4792



37.8131, 43.0585, 50.0346

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.



30.8250, 34.5472, 45.1984



35.9518, 34.5472, 34.4792



29.7569, 34.5472, 36.1050

Square

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



35.9518, 34.5472, 34.4792



31.7217, 34.5472, 29.6079



29.9058, 34.5472, 40.9376



33.9763, 34.5472, 46.9518

Rectangle

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



35.9518, 34.5472, 34.4792



33.9270, 34.5472, 29.5651



29.9058, 34.5472, 40.9376



31.7688, 34.5472, 47.0100

Sweetspot

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



35.9528, 34.5488, 34.4799



73.7841, 75.6214, 80.4277



38.6252, 35.6169, 48.5554



15.8096, 16.1429, 17.1094



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.



35.9528, 34.5488, 34.4799



61.8463, 58.1533, 56.6952



38.4513, 39.5458, 35.3128



8.4965, 8.5054, 8.8464



13.1370, 6.7727, 0.6149



0.4134, 0.2131, 0.0194

Inverse Universe

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



37.8131, 43.0585, 50.0346



65.7719, 76.1107, 89.5189



35.0171, 37.4667, 49.1026



8.7426, 9.6314, 10.9046



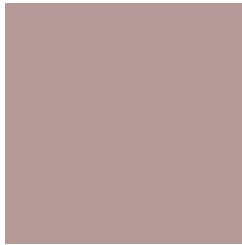
17.1383, 25.0770, 34.0740



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 35.9518, 34.5472, 34.4792 looks on a white background.

Color Contrast Check

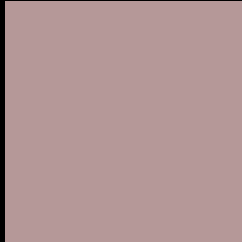
Large Text (above 18pt) WCAG AA × Fail

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 35.9518, 34.5472, 34.4792 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

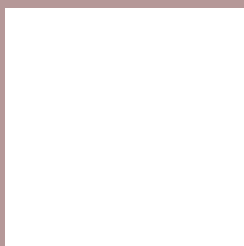
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9518, 34.5472, 34.4792

Background



This preview shows how black text looks on a background with the XYZ color 35.9518, 34.5472, 34.4792.



This preview shows how white text looks on a background with the XYZ color 35.9518, 34.5472,

34.4792.

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

35.9518, 34.5472, 34.4792

Protanopia

33.2475, 34.6068, 35.9378

Deuteranopia

35.3546, 34.7253, 34.5450



Tritanopia

36.7193, 34.3664, 38.8805

Trichromacy



Original Color

35.9518, 34.5472, 34.4792

Protanomaly

34.2988, 34.6561, 35.4534

Deuteranomaly

35.4188, 34.5144, 34.5009

Tritanomaly

36.5296, 34.5469, 37.0907

Monochromacy



Original Color

35.9518, 34.5472, 34.4792

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5469, 35.2472, 37.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9518, 34.5472, 34.4792 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, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 152)  
}
```

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, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.9518, 34.5472, 34.4792 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, 152, 152) }
```


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

```
.border{ border-color:rgb(181, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9518, 34.5472, 34.4792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 152) }
```

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

```
.background{ background-color: rgb(181,  
152, 152) }
```

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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