

Converting Colors

XYZ(34.3072, 35.0070, 25.1988)

Have a look what the booklet for
XYZ(34.3072, 35.0070, 25.1988)
contains.

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Color

**XYZ(34.3752, 34.9192,
25.3504)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B39C80 |
| RGB | 179, 156, 128 |
| RGB Percent | 70%, 61%, 50% |
| CMY | 0.2980, 0.3882, 0.4980 |
| CMYK | 0.00, 0.13, 0.28, 0.30 |
| HSL | 33°, 25%, 60% |
| HSV | 33°, 28%, 70% |
| XYZ | 34.3752, 34.9192, 25.3504 |
| YIQ | 159.6850, 22.6960, -3.8320 |

Conversions

Conversions Part 2

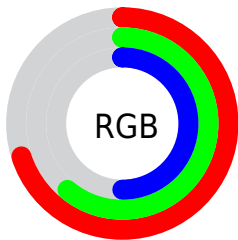
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 179, 128 |
| Decimal | 11771008 |
| CIELab | 65.69, 4.14, 17.80 |
| CIELCh | 66, 18.276, 76.896 |
| Yxy | 34.9192, 0.3632, 0.3690 |
| Android (android.graphics.Color) | 4289961088 (0xFFB39C80) |
| YUV | 159.6850, -15.6207, 16.9393 |
| Hunter-Lab | 59.0925, 0.4250, 15.9296 |

Details

The XYZ color **34.3752, 34.9192, 25.3504** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1051, 29.9763, 46.9527**, and the grayscale version is **33.3317, 35.0675, 38.1885**.

A 20% lighter version of the original color is **65.6480, 67.0916, 53.2060**, and **15.0670, 15.1033, 9.5182** is the 20% darker color. If you saturate the color by 10%, you get **31.9900, 31.8707, 19.2464**, and if you desaturate by 10%, it is **37.0602, 38.2341, 32.5806**.

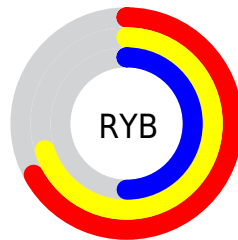
Distribution



Red (70%)

Green (61%)

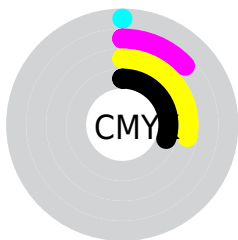
Blue (50%)



Red (67%)

Yellow (70%)

Blue (50%)

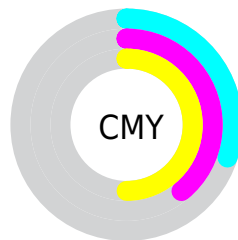


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3752, 34.9192, 25.3504 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 34.3752, 34.9192, 25.3504 by changing the saturation by 10% instead.


 34.3752, 34.9192,
25.3504


 34.3752, 34.9192,
25.3504


313.3584,
324.2115, 293.0818


 23.3462, 23.6006,
16.1169


 65.8571, 67.3606,
53.1963

 14.9715, 15.0376,
9.4517


 87.0408, 89.2522,
72.6457

 8.8856, 8.8458,
4.9361


 112.3401,
115.4369, 96.3376

 4.7231, 4.6407,
2.1518

142.1204,
146.2992, 124.6904

 2.1188, 2.0381,
0.6463

176.7470,
182.2234, 158.1227

 0.6994, 0.6294,
0.0000

216.5853,

 0.0000, 0.0000,

223.5939, 197.0530

0.0000

262.0006,
270.7952, 241.8998

■ 34.3752, 34.9192,
25.3504

■ 34.3752, 34.9192,
25.3504

■ 31.9900, 31.8707,
19.2464

■ 37.0602, 38.2341,
32.5806

■ 29.8890, 29.0759,
14.2083

■ 40.0539, 41.8180,
40.9886

■ 28.0596, 26.5281,
10.1734

■ 43.3685, 45.6795,
50.6257

■ 26.4867, 24.2184,
7.0717

■ 47.0144, 49.8255,
61.5391

■ 25.1534, 22.1369,
4.8235

■ 51.0016, 54.2624,
73.7738

■ 24.0403, 20.2726,
3.3362

■ 55.3397, 58.9965,
87.3726

■ 23.1152, 18.6096,
2.4513

■ 60.0377, 64.0338,
102.3761

■ 22.9852, 18.3732,
2.3349

■ 62.3847, 68.2922,
104.5014

■ 64.5618, 72.6464,
105.2271

Harmonies

Analogous

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



36.8479, 34.9192, 28.2059



34.3752, 34.9192, 25.3504



31.7101, 34.9192, 25.5444

Triad

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



34.3752, 34.9192, 25.3504



28.4861, 34.9192, 42.4872



37.1078, 34.9192, 49.0584

Complementary

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



34.3752, 34.9192, 25.3504



28.1051, 29.9763, 46.9527

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.



34.7145, 34.9192, 54.0146



34.3752, 34.9192, 25.3504



29.7819, 34.9192, 49.8839

Square

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



34.3752, 34.9192, 25.3504



28.4062, 34.9192, 34.7631



32.0317, 34.9192, 54.3356



38.4820, 34.9192, 41.4764

Rectangle

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



34.3752, 34.9192, 25.3504



30.1825, 34.9192, 27.3700



32.0317, 34.9192, 54.3356



36.3902, 34.9192, 51.1289

Sweetspot

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



34.3761, 34.9208, 25.3511



71.3633, 74.4551, 72.3469



31.9610, 27.2829, 33.2019



15.6326, 16.2846, 15.5220



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.



34.3761, 34.9208, 25.3511



58.9046, 59.1636, 38.5184



38.2165, 43.1813, 26.7432



8.8702, 9.2528, 8.9710



16.3081, 13.1147, 1.6719



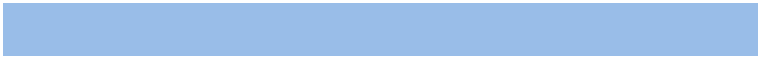
0.5704, 0.5272, 0.0717

Inverse Universe

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



28.1051, 29.9763, 46.9527



45.8775, 48.8945, 83.4008



25.0162, 23.4156, 45.8492



8.3470, 8.8401, 10.7727



7.8772, 6.5547, 30.9870



0.3064, 0.3233, 0.9945

Previews

White Background



This preview shows how the XYZ color 34.3752, 34.9192, 25.3504 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 34.3752, 34.9192, 25.3504 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

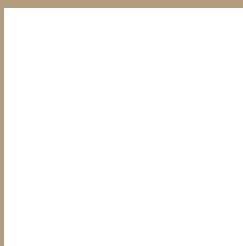
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3752, 34.9192, 25.3504

Background



This preview shows how black text looks on a background with the XYZ color 34.3752, 34.9192, 25.3504.



This preview shows how white text looks on a background with the XYZ color 34.3752, 34.9192,

25.3504.

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

34.3752, 34.9192, 25.3504

Protanopia

32.7896, 34.8430, 26.1163

Deuteranopia

35.6034, 34.8065, 25.6107



Tritanopia

37.2059, 34.8448, 39.4151

Trichromacy



Original Color

34.3752, 34.9192, 25.3504

Protanomaly

33.4229, 34.9229, 25.7481

Deuteranomaly

35.0465, 34.7635, 25.6317

Tritanomaly

36.1877, 34.9296, 33.6889

Monochromacy



Original Color

34.3752, 34.9192, 25.3504

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6798, 35.1499, 33.0265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3752, 34.9192, 25.3504 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(179, 156, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 128)  
}
```

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(179, 156, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.3752, 34.9192, 25.3504 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(179, 156, 128) }
```


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

```
.border{ border-color:rgb(179, 156, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 156, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3752, 34.9192, 25.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 128) }
```

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

```
.background{ background-color: rgb(179,  
156, 128) }
```

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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