

Converting Colors

XYZ(35.0690, 34.5595, 35.3960)

Have a look what the booklet for
XYZ(35.0690, 34.5595, 35.3960)
contains.

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Color

**XYZ(35.0675, 34.5583,
35.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9A9A
RGB	175, 154, 154
RGB Percent	69%, 60%, 60%
CMY	0.3137, 0.3961, 0.3961
CMYK	0.00, 0.12, 0.12, 0.31
HSL	0°, 12%, 65%
HSV	0°, 12%, 69%
XYZ	35.0675, 34.5583, 35.3940
YIQ	160.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

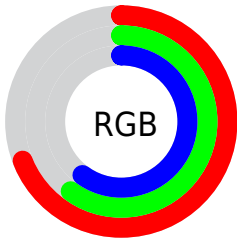
Format	Color
RYB	175, 154, 154
Decimal	11508378
CIELab	65.40, 7.74, 2.83
CIElCh	65, 8.239, 20.123
Yxy	34.5583, 0.3339, 0.3291
Android (android.graphics.Color)	4289698458 (0xFFAF9A9A)
YUV	160.2790, -3.0955, 12.9103
Hunter-Lab	58.7863, 3.6037, 5.4532

Details

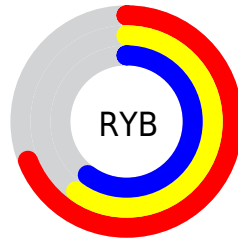
The XYZ color **35.0675, 34.5583, 35.3940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3939, 40.6241, 46.4807**, and the grayscale version is **33.5529, 35.3003, 38.4420**.

A 20% lighter version of the original color is **66.8960, 66.6547, 69.0144**, and **15.3245, 14.8173, 14.8843** is the 20% darker color. If you saturate the color by 10%, you get **31.0347, 28.6574, 27.3754**, and if you desaturate by 10%, it is **39.7357, 41.3892, 44.6736**.

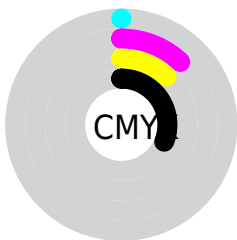
Distribution



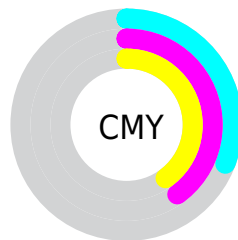
- Red (69%)
- Green (60%)
- Blue (60%)



- Red (69%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (31%)




- Cyan (31%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0675, 34.5583, 35.3940 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 35.0675, 34.5583, 35.3940 by changing the saturation by 10% instead.


 35.0675, 34.5583,
35.3940


 35.0675, 34.5583,
35.3940


316.3690,
322.6144, 341.2610

 23.8816, 23.3228,
23.6806


 66.9237, 66.8009,
69.2542

 15.3701, 14.8321,
14.8868

 88.3247, 88.5769,
92.2380

 9.1675, 8.7016,
8.5943


113.8614,
114.6351, 119.8156

 4.9086, 4.5471,
4.3843

143.8993,
145.3600, 152.4057

 2.2279, 1.9841,
1.8385

178.8036,
181.1360, 190.4268

 0.7574, 0.5982,
0.4531

218.9398,

 0.0000, 0.0000,

222.3475, 234.2973

0.0000

264.6731,
269.3788, 284.4358

■ 35.0675, 34.5583,
35.3940

■ 35.0675, 34.5583,
35.3940

■ 31.0347, 28.6574,
27.3754

■ 39.7357, 41.3892,
44.6736

■ 27.6072, 23.6420,
20.5614

■ 45.0621, 49.1829,
55.2630

■ 24.7565, 19.4707,
14.8944

■ 51.0718, 57.9765,
67.2111

■ 22.4511, 16.0972,
10.3115

■ 57.7878, 67.8036,
80.5636

■ 20.6561, 13.4706,
6.7434

■ 65.2321, 78.6962,
95.3640

■ 19.3329, 11.5342,
4.1132

■ 71.4893, 87.8540,
107.7974

■ 18.4371, 10.2232,
2.3327

■ 17.9160, 9.4605,
1.2973

■ 17.6796, 9.1146,
0.8275

Harmonies

Analogous

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



35.1793, 34.5583, 38.7763



35.0675, 34.5583, 35.3940



34.3526, 34.5583, 32.7683

Triad

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



35.0675, 34.5583, 35.3940



31.1027, 34.5583, 33.5373



32.4513, 34.5583, 44.5415

Complementary

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



35.0675, 34.5583, 35.3940



36.3939, 40.6241, 46.4807

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.



31.3853, 34.5583, 42.9462



35.0675, 34.5583, 35.3940



30.6194, 34.5583, 36.5028

Square

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



35.0675, 34.5583, 35.3940



32.0570, 34.5583, 31.7426



30.7216, 34.5583, 39.9543



33.6491, 34.5583, 44.1996

Rectangle

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



35.0675, 34.5583, 35.3940



33.6396, 34.5583, 31.7339



30.7216, 34.5583, 39.9543



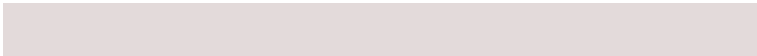
32.0662, 34.5583, 44.2104

Sweetspot

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



35.0685, 34.5598, 35.3947



69.3395, 71.4552, 76.3795



36.9730, 35.3207, 45.4265



15.2685, 15.6725, 16.6919



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.0685, 34.5598, 35.3947



61.0891, 59.3828, 59.9770



36.8774, 38.1776, 35.9977



8.0054, 8.0156, 8.3386



12.6609, 6.5273, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



36.3939, 40.6241, 46.4807



63.8637, 72.0770, 83.1831



34.4298, 36.6958, 45.8260



8.2362, 9.0719, 10.2696



16.5157, 24.1652, 32.8384



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 35.0675, 34.5583, 35.3940 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 35.0675, 34.5583, 35.3940 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 35.0675, 34.5583, 35.3940

Background



This preview shows how black text looks on a background with the XYZ color 35.0675, 34.5583, 35.3940.



This preview shows how white text looks on a background with the XYZ color 35.0675, 34.5583,

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

35.0675, 34.5583, 35.3940

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

35.2928, 34.6744, 35.4045



Tritanopia

35.8336, 34.3669, 39.8668

Trichromacy



Original Color

35.0675, 34.5583, 35.3940

Protanomaly

33.9097, 34.6960, 35.9201

Deuteranomaly

35.2928, 34.6744, 35.4045

Tritanomaly

35.6409, 34.5506, 38.0482

Monochromacy



Original Color

35.0675, 34.5583, 35.3940

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9155, 34.9217, 37.3008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0675, 34.5583, 35.3940 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(175, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.0675, 34.5583, 35.3940 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(175, 154, 154) }
```


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

```
.border{ border-color:rgb(175, 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(175, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0675, 34.5583, 35.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 154) }
```

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

```
.background{ background-color: rgb(175,  
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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