

Converting Colors

XYZ(34.8522, 35.7580, 39.9532)

Have a look what the booklet for
XYZ(34.8522, 35.7580, 39.9532)
contains.

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Color

**XYZ(34.9975, 35.9289,
40.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A0A4
RGB	166, 160, 164
RGB Percent	65%, 63%, 64%
CMY	0.3490, 0.3725, 0.3569
CMYK	0.00, 0.04, 0.01, 0.35
HSL	320°, 3%, 64%
HSV	320°, 4%, 65%
XYZ	34.9975, 35.9289, 40.2124
YIQ	162.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

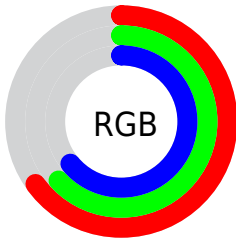
Format	Color
RYB	166, 160, 164
Decimal	10920100
CIELab	66.47, 2.92, -1.31
CIElCh	66, 3.200, 335.816
Yxy	35.9289, 0.3149, 0.3233
Android (android.graphics.Color)	4289110180 (0xFFA6A0A4)
YUV	162.2500, 0.8628, 3.2888
Hunter-Lab	59.9407, -0.6757, 2.1827

Details

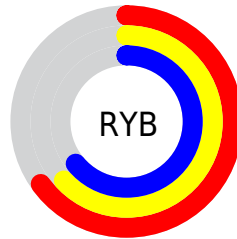
The XYZ color **34.9975, 35.9289, 40.2124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6563, 37.3555, 39.5679**, and the grayscale version is **34.4560, 36.2504, 39.4767**.

A 20% lighter version of the original color is **66.9054, 69.0875, 76.8268**, and **15.3327, 15.6845, 17.5485** is the 20% darker color. If you saturate the color by 10%, you get **31.8210, 30.3582, 36.7409**, and if you desaturate by 10%, it is **38.5821, 42.2799, 43.9282**.

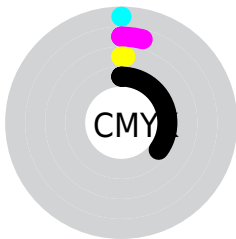
Distribution



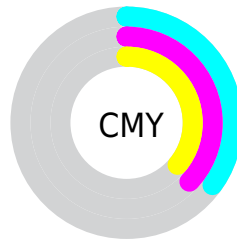
- Red (65%)
- Green (63%)
- Blue (64%)



- Red (65%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9975, 35.9289, 40.2124 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 34.9975, 35.9289, 40.2124 by changing the saturation by 10% instead.

■ 34.9975, 35.9289,
40.2124

■ 34.9975, 35.9289,
40.2124

316.0655,
328.6497, 362.5967

■ 23.8275, 24.3793,
27.3891

■ 66.8159, 68.9223,
76.7275

■ 15.3297, 15.6152,
17.6307

■ 88.1951, 91.1349,
101.2563

■ 9.1389, 9.2523,
10.5185

113.7079,
117.6706, 130.5242

■ 4.8898, 4.9061,
5.6340

143.7198,
148.9138, 164.9495

■ 2.2168, 2.1923,
2.5587

178.5962,
185.2489, 204.9509

■ 0.7516, 0.7158,
0.8710

218.7024,

■ 0.0000, 0.0000,

227.0604, 250.9469

0.0000

264.4037,
274.7325, 303.3559

■ 34.9975, 35.9289,
40.2124

■ 34.9975, 35.9289,
40.2124

■ 31.8210, 30.3582,
36.7409

■ 38.5821, 42.2799,
43.9282

■ 29.0342, 25.5328,
33.5049

■ 42.5862, 49.4353,
47.8920

■ 26.6215, 21.4220,
30.4983

■ 47.0246, 57.4238,
52.1106

■ 24.5656, 17.9909,
27.7138

■ 51.9107, 66.2712,
56.5897

■ 22.8472, 15.2021,
25.1436

■ 57.2568, 76.0025,
61.3347

■ 21.4456, 13.0142,
22.7794

■ 61.5887, 83.6681,
65.8554

■ 20.3373, 11.3810,
20.6118

■ 62.2357, 83.9269,
69.2627

■ 19.4957, 10.2495,
18.6304

■ 62.9063, 84.1952,
72.7941

■ 18.8889, 9.5565,
16.8231

■ 63.6007, 84.4729,
76.4507

Harmonies

Analogous

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



34.6918, 35.9289, 41.3014



34.9975, 35.9289, 40.2124



35.0750, 35.9289, 38.8534

Triad

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



34.9975, 35.9289, 40.2124



34.0560, 35.9289, 36.5514



33.4070, 35.9289, 40.6864

Complementary

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



34.9975, 35.9289, 40.2124



34.6563, 37.3555, 39.5679

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.



33.2401, 35.9289, 39.3887



34.9975, 35.9289, 40.2124



33.6125, 35.9289, 37.0177

Square

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



34.9975, 35.9289, 40.2124



34.5285, 35.9289, 36.7604



33.3150, 35.9289, 38.0485



33.7730, 35.9289, 41.5795

Rectangle

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



34.9975, 35.9289, 40.2124



34.9862, 35.9289, 37.9816



33.3150, 35.9289, 38.0485



33.3259, 35.9289, 40.2819

Sweetspot

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



34.9985, 35.9305, 40.2132



65.1335, 68.0612, 74.6884



34.3554, 35.5779, 41.1333



14.5837, 15.2451, 16.7223



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.9985, 35.9305, 40.2132



63.2360, 64.7120, 72.6817



34.7309, 35.8234, 38.8039



8.0856, 8.2413, 9.2971



14.4268, 7.1794, 12.3252



0.3733, 0.1836, 0.4170

Inverse Universe

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



34.9985, 35.9305, 40.2132



63.2360, 64.7120, 72.6817



34.9260, 37.4634, 40.9884



8.0856, 8.2413, 9.2971



14.4268, 7.1794, 12.3252



0.3733, 0.1836, 0.4170

Previews

White Background



This preview shows how the XYZ color 34.9975, 35.9289, 40.2124 looks on a white background.

Color Contrast Check

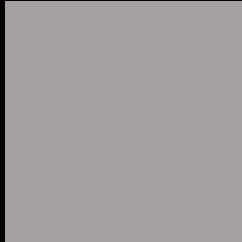
Large Text (above 18pt) WCAG AA × Fail

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 34.9975, 35.9289, 40.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

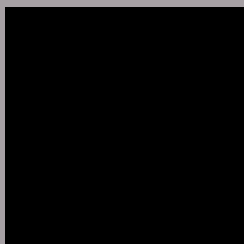
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

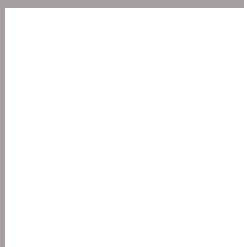
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9975, 35.9289, 40.2124

Background



This preview shows how black text looks on a background with the XYZ color 34.9975, 35.9289, 40.2124.



This preview shows how white text looks on a background with the XYZ color 34.9975, 35.9289,

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

34.9975, 35.9289, 40.2124

Protanopia

34.7556, 36.0626, 40.2509

Deuteranopia

36.7530, 36.0607, 40.6206



Tritanopia

35.6852, 35.9520, 43.5867

Trichromacy



Original Color

34.9975, 35.9289, 40.2124

Protanomaly

34.9628, 36.1694, 40.2606

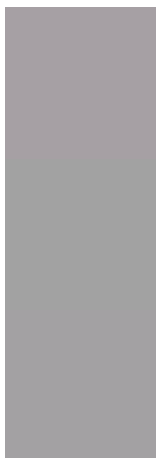
Deuteranomaly

36.0316, 35.9410, 40.6355

Tritanomaly

35.4024, 35.8389, 42.0975

Monochromacy



Original Color

34.9975, 35.9289, 40.2124

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4600, 35.9206, 39.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9975, 35.9289, 40.2124 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(166, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 160, 164)  
}
```

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(166, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.9975, 35.9289, 40.2124 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(166, 160, 164) }
```


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

```
.border{ border-color:rgb(166, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9975, 35.9289, 40.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 160, 164) }
```

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

```
.background{ background-color: rgb(166,  
160, 164) }
```

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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