

Converting Colors

XYZ(34.2123, 35.6441, 40.1380)

Have a look what the booklet for
XYZ(34.2123, 35.6441, 40.1380)
contains.

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Color

**XYZ(34.1719, 35.5033,
40.1737)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A2A0A4 |
| RGB | 162, 160, 164 |
| RGB Percent | 64%, 63%, 64% |
| CMY | 0.3647, 0.3725, 0.3569 |
| CMYK | 0.01, 0.02, 0.00, 0.36 |
| HSL | 270°, 2%, 64% |
| HSV | 270°, 2%, 64% |
| XYZ | 34.1719, 35.5033, 40.1737 |
| YIQ | 161.0540, -0.0920, 1.6680 |

Conversions

Conversions Part 2

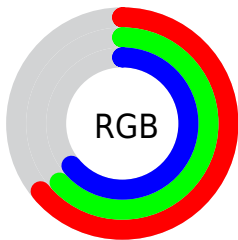
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 162, 160, 164 |
| Decimal | 10657956 |
| CIELab | 66.14, 1.49, -1.83 |
| CIElCh | 66, 2.357, 309.128 |
| Yxy | 35.5033, 0.3111, 0.3232 |
| Android (android.graphics.Color) | 4288848036 (0xFFA2A0A4) |
| YUV | 161.0540, 1.4524, 0.8296 |
| Hunter-Lab | 59.5846, -1.9031, 1.7342 |

Details

The XYZ color **34.1719, 35.5033, 40.1737** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5222, 36.7713, 38.5375**, and the grayscale version is **33.8957, 35.6609, 38.8347**.

A 20% lighter version of the original color is **65.7019, 68.4671, 76.7704**, and **14.8237, 15.4221, 17.5247** is the 20% darker color. If you saturate the color by 10%, you get **29.9017, 29.3570, 39.2129**, and if you desaturate by 10%, it is **38.9280, 42.4589, 41.2661**.

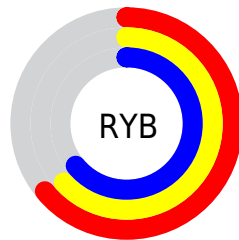
Distribution



Red (64%)

Green (63%)

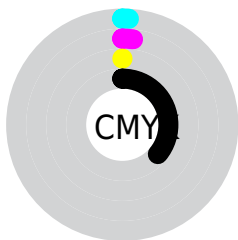
Blue (64%)



Red (64%)

Yellow (63%)

Blue (64%)

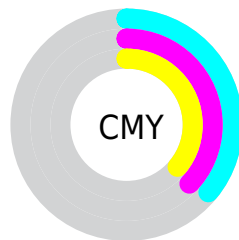


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1719, 35.5033, 40.1737 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 34.1719, 35.5033, 40.1737 by changing the saturation by 10% instead.

■ 34.1719, 35.5033,
40.1737

■ 34.1719, 35.5033,
40.1737

312.4703,
326.7843, 362.4290

■ 23.1892, 24.0508,
27.3592

■ 65.5434, 68.2647,
76.6679

■ 14.8547, 15.3713,
17.6083

■ 86.6629, 90.3425,
101.1847

■ 8.8032, 9.0804,
10.5026

111.8921,
116.7308, 130.4393

■ 4.6691, 4.7937,
5.6235

141.5963,
147.8140, 164.8504

■ 2.0872, 2.1267,
2.5525

176.1409,
183.9766, 204.8363

■ 0.6822, 0.6796,
0.8678

215.8912,

■ 0.0000, 0.0000,

225.6029, 250.8157

0.0000

261.2125,
273.0774, 303.2071

■ 34.1719, 35.5033,
40.1737

■ 34.1719, 35.5033,
40.1737

■ 29.9017, 29.3570,
39.2129

■ 38.9280, 42.4589,
41.2661

■ 26.0978, 23.9852,
38.3766

■ 44.1827, 50.2477,
42.4926

■ 22.7434, 19.3572,
37.6601

■ 49.9520, 58.8984,
43.8582

■ 19.8198, 15.4387,
37.0578

■ 56.2503, 68.4370,
45.3674

■ 17.3066, 12.1925,
36.5637

■ 63.0915, 78.8882,
47.0241

■ 15.1819, 9.5778,
36.1710

■ 69.3929, 88.0843,
48.4670

■ 13.4211, 7.5493,
35.8723

■ 71.8079, 89.3293,
48.5801

■ 11.9966, 6.0555,
35.6590

■ 74.3447, 90.6371,
48.6988

■ 10.8757, 5.0351,
35.5211

■ 77.0050, 92.0085,
48.8233

Harmonies

Analogous

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



33.8519, 35.5033, 40.5942



34.1719, 35.5033, 40.1737



34.3785, 35.5033, 39.3488

Triad

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



34.1719, 35.5033, 40.1737



33.9855, 35.5033, 36.8815



33.0838, 35.5033, 38.9641

Complementary

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



34.1719, 35.5033, 40.1737



34.5222, 36.7713, 38.5375

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.



33.1190, 35.5033, 37.9735



34.1719, 35.5033, 40.1737



33.6380, 35.5033, 36.7826

Square

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



34.1719, 35.5033, 40.1737



34.2703, 35.5033, 37.4518



33.3213, 35.5033, 37.1791



33.2247, 35.5033, 39.8879

Rectangle

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



34.1719, 35.5033, 40.1737



34.4232, 35.5033, 38.6864



33.3213, 35.5033, 37.1791



33.0754, 35.5033, 38.6277

Sweetspot

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



34.1729, 35.5048, 40.1745



63.1989, 66.1466, 73.1890



34.1314, 36.0194, 40.2760



13.8273, 14.4765, 16.0030



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.1729, 35.5048, 40.1745



61.5235, 63.7135, 72.8076



34.5687, 35.7089, 40.1930



7.5616, 7.8038, 9.0108



7.8570, 3.4569, 27.1829



0.2196, 0.1007, 0.5737

Inverse Universe

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



34.4035, 35.6444, 39.2510



62.0473, 64.0305, 70.7099



34.1325, 36.5704, 38.5193



7.6401, 7.8513, 8.6962



12.9324, 6.5290, 6.8348



0.2956, 0.1467, 0.2692

Previews

White Background



This preview shows how the XYZ color 34.1719, 35.5033, 40.1737 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 34.1719, 35.5033, 40.1737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

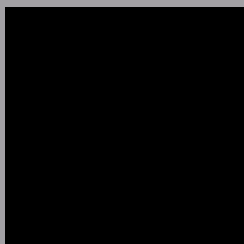
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

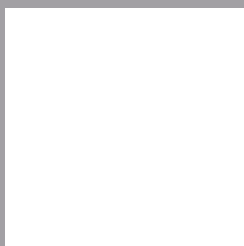
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1719, 35.5033, 40.1737

Background



This preview shows how black text looks on a background with the XYZ color 34.1719, 35.5033, 40.1737.



This preview shows how white text looks on a background with the XYZ color 34.1719, 35.5033,

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

34.1719, 35.5033, 40.1737

Protanopia

34.3759, 35.6085, 40.1833

Deuteranopia

36.1356, 35.4922, 40.5434



Tritanopia

34.8531, 35.5231, 43.5478

Trichromacy



Original Color

34.1719, 35.5033, 40.1737

Protanomaly

34.3759, 35.6085, 40.1833

Deuteranomaly

35.4261, 35.3766, 40.5585

Tritanomaly

34.5703, 35.4100, 42.0585

Monochromacy



Original Color

34.1719, 35.5033, 40.1737

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9644, 35.6754, 39.2784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1719, 35.5033, 40.1737 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(162, 160, 164) looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.1719, 35.5033, 40.1737 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(162, 160, 164) }
```


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

```
.border{ border-color:rgb(162, 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(162, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1719, 35.5033, 40.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 164) }
```

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

```
.background{ background-color: rgb(162,  
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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