

Converting Colors

XYZ(36.0598, 35.1945, 40.9691)

Have a look what the booklet for
XYZ(36.0598, 35.1945, 40.9691)
contains.

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Color

**XYZ(36.0598, 35.1945,
40.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9BA6
RGB	174, 155, 166
RGB Percent	68%, 61%, 65%
CMY	0.3176, 0.3921, 0.3490
CMYK	0.00, 0.11, 0.05, 0.32
HSL	325°, 10%, 65%
HSV	325°, 11%, 68%
XYZ	36.0598, 35.1945, 40.9691
YIQ	161.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

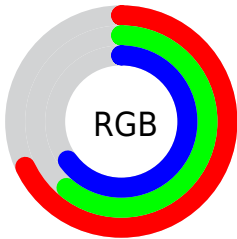
Format	Color
RYB	174, 155, 166
Decimal	11443110
CIELab	65.90, 8.95, -3.18
CIElCh	66, 9.496, 340.430
Yxy	35.1945, 0.3213, 0.3136
Android (android.graphics.Color)	4289633190 (0xFFAE9BA6)
YUV	161.9350, 2.0040, 10.5810
Hunter-Lab	59.3250, 4.6799, 0.5825

Details

The XYZ color **36.0598, 35.1945, 40.9691** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2658, 39.8859, 40.4921**, and the grayscale version is **34.3014, 36.0877, 39.2995**.

A 20% lighter version of the original color is **68.4847, 67.6444, 77.8537**, and **16.0136, 15.2531, 18.0197** is the 20% darker color. If you saturate the color by 10%, you get **32.7172, 29.5542, 36.6328**, and if you desaturate by 10%, it is **39.8600, 41.6878, 45.6477**.

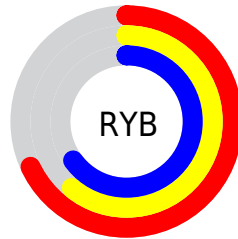
Distribution



Red (68%)

Green (61%)

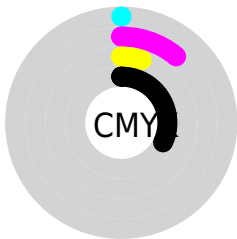
Blue (65%)



Red (68%)

Yellow (61%)

Blue (65%)

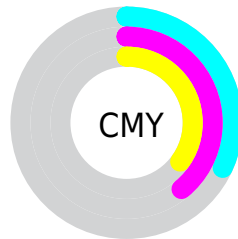


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0598, 35.1945, 40.9691 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 36.0598, 35.1945, 40.9691 by changing the saturation by 10% instead.

■ 36.0598, 35.1945,
40.9691

■ 36.0598, 35.1945,
40.9691

320.6485,
325.4260, 365.8643

■ 24.6507, 23.8127,
27.9754

■ 68.4476, 67.7870,
77.8901

■ 15.9444, 15.1948,
18.0683

■ 90.1571, 89.7665,
102.6546

■ 9.5754, 8.9562,
10.8291

116.0307,
116.0473, 132.1797

■ 5.1784, 4.7126,
5.8393

146.4338,
147.0140, 166.8840

■ 2.3882, 2.0797,
2.6804

181.7318,
183.0508, 207.1861

■ 0.8392, 0.6531,
0.9335

222.2900,

■ 0.0000, 0.0000,

224.5421, 253.5045

0.0000

268.4738,
271.8724, 306.2577

■ 36.0598, 35.1945,
40.9691

■ 36.0598, 35.1945,
40.9691

■ 32.7172, 29.5542,
36.6328

■ 39.8600, 41.6878,
45.6477

■ 29.8109, 24.7265,
32.6274

■ 44.1320, 49.0630,
50.6752

■ 27.3220, 20.6745,
28.9438

■ 48.8934, 57.3536,
56.0608

■ 25.2294, 17.3568,
25.5717

■ 54.1596, 66.5897,
61.8125

■ 23.5098, 14.7282,
22.4999

■ 59.9456, 76.8003,
67.9383

■ 22.1375, 12.7380,
19.7164

■ 64.8442, 85.1702,
73.9717

■ 21.0831, 11.3289,
17.2078

■ 65.7782, 85.5437,
78.8899

■ 20.3122, 10.4332,
14.9590

■ 66.7545, 85.9343,
84.0310

■ 19.7914, 9.9330,
13.1162

■ 67.7737, 86.3419,
89.3980

Harmonies

Analogous

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



35.2327, 35.1945, 44.5119



36.0598, 35.1945, 40.9691



36.1770, 35.1945, 36.9382

Triad

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



36.0598, 35.1945, 40.9691



32.9650, 35.1945, 31.2094



31.4383, 35.1945, 43.5563

Complementary

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



36.0598, 35.1945, 40.9691



35.2658, 39.8859, 40.4921

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.



30.8661, 35.1945, 39.7375



36.0598, 35.1945, 40.9691



31.7311, 35.1945, 32.7322

Square

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



36.0598, 35.1945, 40.9691



34.3637, 35.1945, 31.4883



30.9718, 35.1945, 35.7892



32.5553, 35.1945, 46.0765

Rectangle

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



36.0598, 35.1945, 40.9691



35.8333, 35.1945, 34.5371



30.9718, 35.1945, 35.7892



31.1773, 35.1945, 42.3713

Sweetspot

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



36.0608, 35.1960, 40.9699



70.7589, 72.9698, 80.9351



34.4498, 34.2781, 44.8455



15.6010, 16.0025, 17.8354



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.



36.0608, 35.1960, 40.9699



63.9355, 61.3403, 72.4411



35.2284, 34.8631, 36.5863



8.1923, 8.0902, 9.3233



14.3848, 7.2165, 9.6718



0.4267, 0.2114, 0.4088

Inverse Universe

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



36.0608, 35.1960, 40.9699



63.9355, 61.3403, 72.4411



36.1412, 40.2360, 45.1019



8.1923, 8.0902, 9.3233



14.3848, 7.2165, 9.6718



0.4267, 0.2114, 0.4088

Previews

White Background



This preview shows how the XYZ color 36.0598, 35.1945, 40.9691 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 36.0598, 35.1945, 40.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

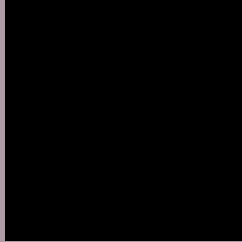
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0598, 35.1945, 40.9691

Background



This preview shows how black text looks on a background with the XYZ color 36.0598, 35.1945, 40.9691.



This preview shows how white text looks on a background with the XYZ color 36.0598, 35.1945,

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

36.0598, 35.1945, 40.9691

Protanopia

34.2575, 35.2379, 42.5321

Deuteranopia

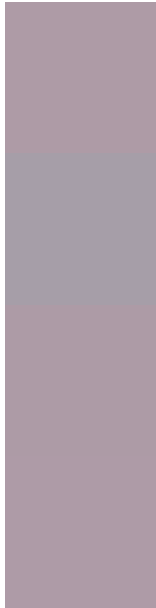
35.8379, 35.0801, 40.9587



Tritanopia

36.1520, 35.2314, 41.4541

Trichromacy



Original Color

36.0598, 35.1945, 40.9691

Protanomaly

35.0206, 35.3879, 42.0305

Deuteranomaly

35.8379, 35.0801, 40.9587

Tritanomaly

36.1520, 35.2314, 41.4541

Monochromacy



Original Color

36.0598, 35.1945, 40.9691

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.7349, 35.5476, 39.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0598, 35.1945, 40.9691 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(174, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 166)  
}
```

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(174, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.0598, 35.1945, 40.9691 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(174, 155, 166) }
```


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

```
.border{ border-color:rgb(174, 155, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0598, 35.1945, 40.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 166) }
```

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

```
.background{ background-color: rgb(174,  
155, 166) }
```

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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