

Converting Colors

XYZ(34.4435, 36.0452, 36.5080)

Have a look what the booklet for
XYZ(34.4435, 36.0452, 36.5080)
contains.

XYZ(34.4715, 35.9970, 36.5838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4715, 35.9970,
36.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A19C
RGB	166, 161, 156
RGB Percent	65%, 63%, 61%
CMY	0.3490, 0.3686, 0.3882
CMYK	0.00, 0.03, 0.06, 0.35
HSL	30°, 5%, 63%
HSV	30°, 6%, 65%
XYZ	34.4715, 35.9970, 36.5838
YIQ	161.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

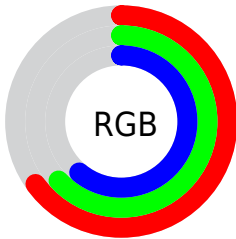
Format	Color
RYB	166, 166, 156
Decimal	10920348
CIELab	66.52, 0.89, 3.23
CIELCh	67, 3.352, 74.606
Yxy	35.9970, 0.3220, 0.3363
Android (android.graphics.Color)	4289110428 (0xFFA6A19C)
YUV	161.9250, -2.9210, 3.5738
Hunter-Lab	59.9975, -2.4386, 5.8459

Details

The XYZ color **34.4715, 35.9970, 36.5838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3381, 35.3104, 41.1353**, and the grayscale version is **34.3201, 36.1074, 39.3210**.

A 20% lighter version of the original color is **66.0075, 69.1370, 70.8386**, and **15.0652, 15.7492, 15.6105** is the 20% darker color. If you saturate the color by 10%, you get **31.7593, 32.6702, 29.2121**, and if you desaturate by 10%, it is **37.4741, 39.5962, 45.0010**.

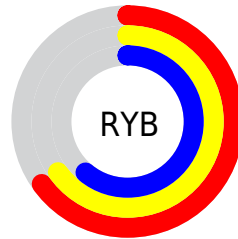
Distribution



Red (65%)

Green (63%)

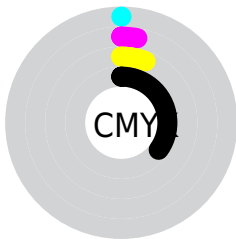
Blue (61%)



Red (65%)

Yellow (65%)

Blue (61%)

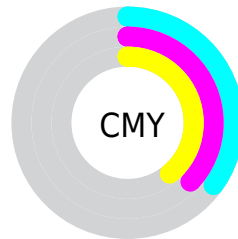


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4715, 35.9970, 36.5838 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 34.4715, 35.9970, 36.5838 by changing the saturation by 10% instead.

■ 34.4715, 35.9970,
36.5838

■ 34.4715, 35.9970,
36.5838

313.7784,
328.9474, 346.6194

■ 23.4207, 24.4319,
24.5922

■ 66.0057, 69.0274,
71.1114

■ 15.0268, 15.6543,
15.5572

■ 87.2197, 91.2615,
94.4844

■ 8.9247, 9.2799,
9.0604

112.5521,
117.8208, 122.4882

■ 4.7488, 4.9242,
4.6833

142.3684,
149.0895, 155.5415

■ 2.1339, 2.2028,
2.0072

177.0338,
185.4521, 194.0627

■ 0.7075, 0.7215,
0.5597

216.9137,

■ 0.0000, 0.0000,

227.2931, 238.4704

0.0000

262.3734,
274.9967, 289.1831

■ 34.4715, 35.9970,
36.5838

■ 34.4715, 35.9970,
36.5838

■ 31.7593, 32.6702,
29.2121

■ 37.4741, 39.5962,
45.0010

■ 29.3248, 29.6042,
22.8423

■ 40.7731, 43.4696,
54.5003

■ 27.1589, 26.7935,
17.4308

■ 44.3782, 47.6251,
65.1198

■ 25.2507, 24.2307,
12.9302

■ 48.2978, 52.0686,
76.8945

■ 23.5885, 21.9078,
9.2888

■ 52.5397, 56.8060,
89.8582

■ 22.1596, 19.8162,
6.4499

■ 57.0146, 61.8041,
103.5321

■ 20.9497, 17.9470,
4.3497

■ 59.1261, 66.0270,
104.2360

■ 19.9428, 16.2898,
2.9143

■ 61.3454, 70.4657,
104.9757

■ 19.1178, 14.8326,
2.0449

■ 63.6741, 75.1231,
105.7520

Harmonies

Analogous

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



34.9074, 35.9970, 37.2812



34.4715, 35.9970, 36.5838



33.9707, 35.9970, 36.5744

Triad

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



34.4715, 35.9970, 36.5838



33.2865, 35.9970, 39.8974



34.8979, 35.9970, 41.2003

Complementary

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



34.4715, 35.9970, 36.5838



33.3381, 35.3104, 41.1353

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.



34.4586, 35.9970, 41.9371



34.4715, 35.9970, 36.5838



33.5300, 35.9970, 41.1724

Square

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



34.4715, 35.9970, 36.5838



33.2899, 35.9970, 38.4638



33.9579, 35.9970, 41.9268



35.1552, 35.9970, 39.9346

Rectangle

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



34.4715, 35.9970, 36.5838



33.6676, 35.9970, 36.9583



33.9579, 35.9970, 41.9268



34.7664, 35.9970, 41.5194

Sweetspot

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



34.4725, 35.9986, 36.5846



64.6717, 67.8770, 72.2552



34.0479, 34.4577, 38.5752



14.4861, 15.2062, 16.2079



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.



34.4725, 35.9986, 36.5846



61.9934, 64.6412, 64.8248



35.3633, 37.7802, 36.8815



7.9505, 8.2866, 8.2792



14.6430, 11.1832, 1.3868



0.4075, 0.3745, 0.0508

Inverse Universe

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



33.3381, 35.3104, 41.1353



59.5744, 63.1736, 74.5291



32.4822, 33.5986, 40.8500



7.6268, 8.0902, 9.5779



7.7800, 7.0201, 28.9205



0.2405, 0.2732, 0.7207

Previews

White Background



This preview shows how the XYZ color 34.4715, 35.9970, 36.5838 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 34.4715, 35.9970, 36.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

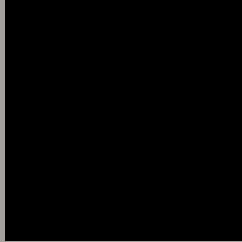
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4715, 35.9970, 36.5838

Background



This preview shows how black text looks on a background with the XYZ color 34.4715, 35.9970, 36.5838.



This preview shows how white text looks on a background with the XYZ color 34.4715, 35.9970,

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

34.4715, 35.9970, 36.5838

Protanopia

34.4715, 35.9970, 36.5838

Deuteranopia

36.5647, 35.7950, 36.8802



Tritanopia

35.8973, 36.0614, 43.5966

Trichromacy



Original Color

34.4715, 35.9970, 36.5838

Protanomaly

34.4715, 35.9970, 36.5838

Deuteranomaly

35.7682, 35.8867, 36.9399

Tritanomaly

35.3901, 36.1103, 41.1811

Monochromacy



Original Color

34.4715, 35.9970, 36.5838

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3698, 36.1653, 38.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4715, 35.9970, 36.5838 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, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 161, 156)  
}
```

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, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.4715, 35.9970, 36.5838 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, 161, 156) }
```


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

```
.border{ border-color:rgb(166, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 161,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4715, 35.9970, 36.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 161, 156) }
```

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

```
.background{ background-color: rgb(166,  
161, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor