

Converting Colors

XYZ(35.6241, 36.7779, 43.6744)

Have a look what the booklet for
XYZ(35.6241, 36.7779, 43.6744)
contains.

XYZ(35.5809, 36.6734, 43.7314)	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(35.5809, 36.6734,
43.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A2AB
RGB	164, 162, 171
RGB Percent	64%, 64%, 67%
CMY	0.3569, 0.3647, 0.3294
CMYK	0.04, 0.05, 0.00, 0.33
HSL	253°, 5%, 65%
HSV	253°, 5%, 67%
XYZ	35.5809, 36.6734, 43.7314
YIQ	163.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

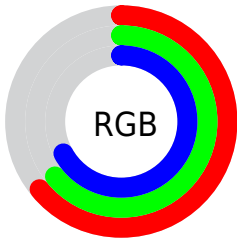
Format	Color
RYB	164, 162, 171
Decimal	10789547
CIELab	67.03, 2.46, -4.40
CIELCh	67, 5.045, 299.191
Yxy	36.6734, 0.3068, 0.3162
Android (android.graphics.Color)	4288979627 (0xFFA4A2AB)
YUV	163.6240, 3.6364, 0.3298
Hunter-Lab	60.5586, -1.1007, -0.4243

Details

The XYZ color **35.5809, 36.6734, 43.7314** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4478, 40.1703, 39.9641**, and the grayscale version is **35.0927, 36.9203, 40.2062**.

A 20% lighter version of the original color is **67.7537, 70.1768, 81.9260**, and **15.5878, 15.9285, 19.7057** is the 20% darker color. If you saturate the color by 10%, you get **30.1682, 29.7122, 42.6736**, and if you desaturate by 10%, it is **41.6926, 44.6050, 44.9408**.

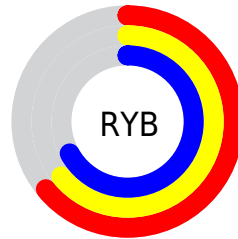
Distribution



Red (64%)

Green (64%)

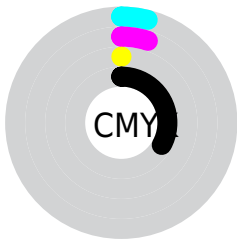
Blue (67%)



Red (64%)

Yellow (64%)

Blue (67%)

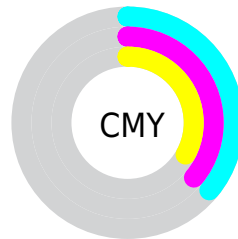


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5809, 36.6734, 43.7314 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 35.5809, 36.6734, 43.7314 by changing the saturation by 10% instead.

■ 35.5809, 36.6734,
43.7314

■ 35.5809, 36.6734,
43.7314

318.5883,
331.8944, 377.6203

■ 24.2793, 24.9547,
30.1238

■ 67.7128, 70.0702,
82.1116

■ 15.6668, 16.0433,
19.6797

■ 89.2738, 92.5171,
107.7212

■ 9.3780, 9.5548,
11.9807

114.9854,
119.3088, 138.1685

■ 5.0476, 5.1048,
6.6081

145.2128,
150.8299, 173.8722

■ 2.3103, 2.3089,
3.1436

180.3214,
187.4645, 215.2506

■ 0.7999, 0.7784,
1.1684

220.6767,

■ 0.0000, 0.0000,

229.5972, 262.7224

0.0000

266.6438,
277.6124, 316.7061

■ 35.5809, 36.6734,
43.7314

■ 35.5809, 36.6734,
43.7314

■ 30.1682, 29.7122,
42.6736

■ 41.6926, 44.6050,
44.9408

■ 25.4260, 23.6794,
41.7591

■ 48.5239, 53.5377,
46.3049

■ 21.3287, 18.5366,
40.9824

■ 56.0986, 63.5065,
47.8299

■ 17.8476, 14.2413,
40.3368

■ 64.4386, 74.5434,
49.5206

■ 14.9520, 10.7471,
39.8149

■ 73.5646, 86.6790,
51.3820

■ 12.6084, 8.0032,
39.4088

■ 80.3557, 93.6608,
52.3717

■ 10.7795, 5.9530,
39.1095

■ 84.3508, 95.7203,
52.5587

■ 9.4234, 4.5313,
38.9066

■ 8.4894, 3.6579,
38.7872

Harmonies

Analogous

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



34.8361, 36.6734, 44.3031



35.5809, 36.6734, 43.7314



36.1385, 36.6734, 42.1328

Triad

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



35.5809, 36.6734, 43.7314



35.6175, 36.6734, 36.4136



33.4036, 36.6734, 39.8715

Complementary

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



35.5809, 36.6734, 43.7314



37.4478, 40.1703, 39.9641

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.



33.6061, 36.6734, 37.8075



35.5809, 36.6734, 43.7314



34.8778, 36.6734, 35.8566

Square

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



35.5809, 36.6734, 43.7314



36.1598, 36.6734, 37.9072



34.1429, 36.6734, 36.3576



33.5858, 36.6734, 42.0258

Rectangle

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



35.5809, 36.6734, 43.7314



36.3251, 36.6734, 40.7281



34.1429, 36.6734, 36.3576



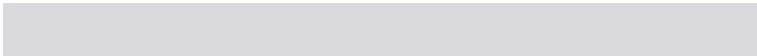
33.4289, 36.6734, 39.1445

Sweetspot

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



35.5820, 36.6750, 43.7322



67.1169, 70.0717, 78.9896



36.4494, 39.0172, 44.1386



14.9941, 15.6609, 17.6203



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.5820, 36.6750, 43.7322



62.8582, 64.5630, 78.1508



36.5166, 37.1568, 43.7759



8.1010, 8.3063, 10.1290



6.1818, 2.5467, 29.2103



0.2180, 0.0945, 0.8147

Inverse Universe

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



36.8775, 37.3647, 42.8060



65.5380, 65.9898, 76.2278



36.5092, 39.6865, 39.9201



8.4713, 8.5035, 9.8627



15.8738, 7.8121, 17.5129



0.4602, 0.2248, 0.5851

Previews

White Background



This preview shows how the XYZ color 35.5809, 36.6734, 43.7314 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 35.5809, 36.6734, 43.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

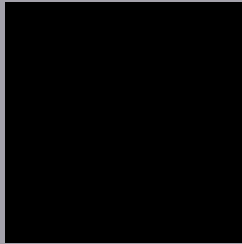
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5809, 36.6734, 43.7314

Background



This preview shows how black text looks on a background with the XYZ color 35.5809, 36.6734, 43.7314.



This preview shows how white text looks on a background with the XYZ color 35.5809, 36.6734,

43.7314.

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

35.5809, 36.6734, 43.7314

Protanopia

35.5809, 36.6734, 43.7314

Deuteranopia

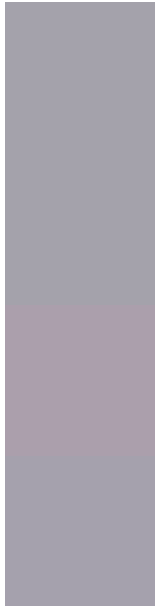
37.3525, 36.5462, 44.1152



Tritanopia

35.9019, 36.5451, 45.2061

Trichromacy



Original Color

35.5809, 36.6734, 43.7314

Protanomaly

35.5809, 36.6734, 43.7314

Deuteranomaly

36.6391, 36.4328, 44.1309

Tritanomaly

35.8047, 36.5062, 44.6945

Monochromacy



Original Color

35.5809, 36.6734, 43.7314

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3821, 36.8769, 41.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5809, 36.6734, 43.7314 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(164, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 162, 171)  
}
```

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(164, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.5809, 36.6734, 43.7314 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(164, 162, 171) }
```


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

```
.border{ border-color:rgb(164, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(164, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5809, 36.6734, 43.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 162, 171) }
```

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

```
.background{ background-color: rgb(164,  
162, 171) }
```

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