

Converting Colors

XYZ(34.9612, 36.2267, 40.8606)

Have a look what the booklet for
XYZ(34.9612, 36.2267, 40.8606)
contains.

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Color

**XYZ(34.8462, 36.0989,
40.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A1A5
RGB	164, 161, 165
RGB Percent	64%, 63%, 65%
CMY	0.3569, 0.3686, 0.3529
CMYK	0.01, 0.02, 0.00, 0.35
HSL	285°, 2%, 64%
HSV	285°, 2%, 65%
XYZ	34.8462, 36.0989, 40.7285
YIQ	162.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

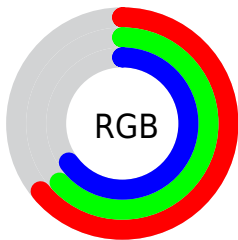
Format	Color
RYB	164, 161, 165
Decimal	10789285
CIELab	66.60, 1.84, -1.70
CIElCh	67, 2.505, 317.325
Yxy	36.0989, 0.3120, 0.3233
Android (android.graphics.Color)	4288979365 (0xFFA4A1A5)
YUV	162.3530, 1.3050, 1.4444
Hunter-Lab	60.0824, -1.6188, 1.8663

Details

The XYZ color **34.8462, 36.0989, 40.7285** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7900, 37.1659, 39.0603**, and the grayscale version is **34.5030, 36.2998, 39.5305**.

A 20% lighter version of the original color is **66.6876, 69.3391, 77.5791**, and **15.2387, 15.7889, 17.8672** is the 20% darker color. If you saturate the color by 10%, you get **31.3128, 30.2765, 39.7914**, and if you desaturate by 10%, it is **38.7898, 42.6997, 41.7953**.

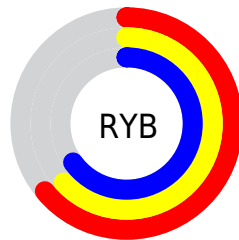
Distribution



Red (64%)

Green (63%)

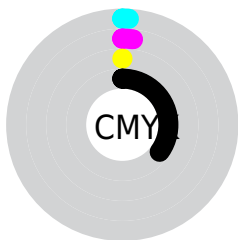
Blue (65%)



Red (64%)

Yellow (63%)

Blue (65%)

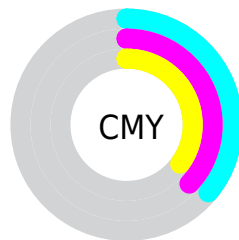


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (36%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8462, 36.0989, 40.7285 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 34.8462, 36.0989, 40.7285 by changing the saturation by 10% instead.

■ 34.8462, 36.0989,
40.7285

■ 34.8462, 36.0989,
40.7285

315.4089,
329.3926, 364.8276

■ 23.7104, 24.5106,
27.7889

■ 66.5830, 69.1847,
77.5208

■ 15.2425, 15.7128,
17.9289

■ 87.9148, 91.4510,
102.2105

■ 9.0772, 9.3212,
10.7301

113.3758,
118.0453, 131.6540

■ 4.8491, 4.9512,
5.7737

143.3316,
149.3522, 166.2699

■ 2.1928, 2.2187,
2.6414

178.1474,
185.7560, 206.4767

■ 0.7390, 0.7302,
0.9137

218.1887,

■ 0.0000, 0.0000,

227.6410, 252.6928

0.0000

263.8207,
275.3918, 305.3370

■ 34.8462, 36.0989,
40.7285

■ 34.8462, 36.0989,
40.7285

■ 31.3128, 30.2765,
39.7914

■ 38.7898, 42.6997,
41.7953

■ 28.1716, 25.1981,
38.9768

■ 43.1549, 50.1023,
42.9941

■ 25.4075, 20.8338,
38.2800

■ 47.9559, 58.3350,
44.3301

■ 23.0033, 17.1494,
37.6956

■ 53.2057, 67.4232,
45.8076

■ 20.9406, 14.1083,
37.2173

■ 58.9167, 77.3912,
47.4306

■ 19.1990, 11.6704,
36.8386

■ 63.4833, 85.0273,
48.6638

■ 17.7558, 9.7906,
36.5518

■ 64.5209, 85.5622,
48.7124

■ 16.5853, 8.4178,
36.3485

■ 65.5879, 86.1123,
48.7623

■ 15.6567, 7.4911,
36.2186

■ 66.6845, 86.6776,
48.8137

Harmonies

Analogous

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



34.5271, 36.0989, 41.3193



34.8462, 36.0989, 40.7285



35.0224, 36.0989, 39.7625

Triad

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



34.8462, 36.0989, 40.7285



34.4701, 36.0989, 37.3163



33.6241, 36.0989, 39.9265

Complementary

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



34.8462, 36.0989, 40.7285



34.7900, 37.1659, 39.0603

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.



33.6091, 36.0989, 38.8521



34.8462, 36.0989, 40.7285



34.0957, 36.0989, 37.3584

Square

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



34.8462, 36.0989, 40.7285



34.8042, 36.0989, 37.8001



33.7812, 36.0989, 37.9162



33.8223, 36.0989, 40.8505

Rectangle

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



34.8462, 36.0989, 40.7285



35.0343, 36.0989, 39.0417



33.7812, 36.0989, 37.9162



33.5975, 36.0989, 39.5706

Sweetspot

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



34.8472, 36.1005, 40.7293



63.3547, 66.2269, 73.1962



34.4231, 36.1595, 40.7630



13.8593, 14.4931, 16.0045



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.



34.8472, 36.1005, 40.7293



61.9862, 63.9520, 72.8293



34.9699, 36.1735, 40.2935



7.6309, 7.8395, 9.0141



11.4409, 5.3045, 27.3506



0.2796, 0.1317, 0.5765

Inverse Universe

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



34.7849, 36.0995, 39.3191



61.8468, 63.9503, 69.6541



34.6701, 37.0946, 39.4856



7.6102, 7.8393, 8.5384



12.0631, 6.1813, 2.2569



0.2711, 0.1369, 0.1404

Previews

White Background



This preview shows how the XYZ color 34.8462, 36.0989, 40.7285 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 34.8462, 36.0989, 40.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

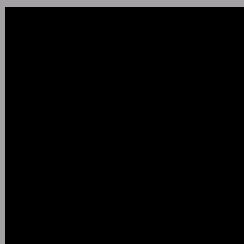
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8462, 36.0989, 40.7285

Background



This preview shows how black text looks on a background with the XYZ color 34.8462, 36.0989, 40.7285.



This preview shows how white text looks on a background with the XYZ color 34.8462, 36.0989,

40.7285.

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

34.8462, 36.0989, 40.7285

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

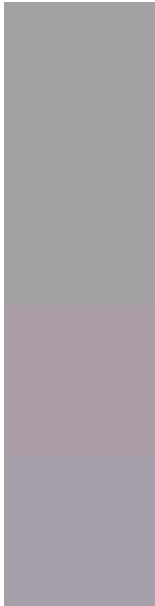
36.8444, 36.0972, 41.1019



Tritanopia

35.5342, 36.1195, 44.1286

Trichromacy



Original Color

34.8462, 36.0989, 40.7285

Protanomaly

34.8462, 36.0989, 40.7285

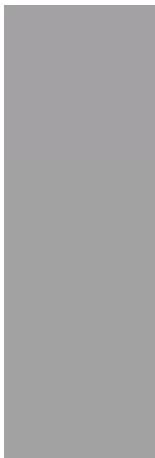
Deuteranomaly

36.1231, 35.9775, 41.1169

Tritanomaly

35.2493, 36.0055, 42.6280

Monochromacy



Original Color

34.8462, 36.0989, 40.7285

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6354, 36.2715, 39.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8462, 36.0989, 40.7285 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, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 161, 165)  
}
```

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, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 161, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.8462, 36.0989, 40.7285 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, 161, 165) }
```


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

```
.border{ border-color:rgb(164, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 161,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8462, 36.0989, 40.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 161, 165) }
```

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

```
.background{ background-color: rgb(164,  
161, 165) }
```

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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