

Converting Colors

XYZ(34.4148, 36.0692, 40.8310)

Have a look what the booklet for
XYZ(34.4148, 36.0692, 40.8310)
contains.

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Color

**XYZ(34.4098, 36.1343,
40.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A2A5
RGB	161, 162, 165
RGB Percent	63%, 64%, 65%
CMY	0.3686, 0.3647, 0.3529
CMYK	0.02, 0.02, 0.00, 0.35
HSL	225°, 2%, 64%
HSV	225°, 2%, 65%
XYZ	34.4098, 36.1343, 40.7583
YIQ	162.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

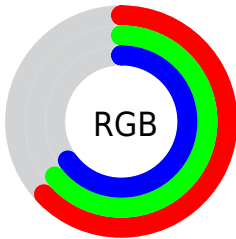
Format	Color
RYB	161, 162, 165
Decimal	10592933
CIELab	66.62, 0.23, -1.69
CIElCh	67, 1.702, 277.609
Yxy	36.1343, 0.3092, 0.3246
Android (android.graphics.Color)	4288783013 (0xFFA1A2A5)
YUV	162.0430, 1.4578, -0.9147
Hunter-Lab	60.1118, -3.0169, 1.8772

Details

The XYZ color **34.4098, 36.1343, 40.7583** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2256, 37.1231, 39.0277**, and the grayscale version is **34.3575, 36.1468, 39.3639**.

A 20% lighter version of the original color is **66.0500, 69.3919, 77.6229**, and **14.9870, 15.6591, 17.8554** is the 20% darker color. If you saturate the color by 10%, you get **29.2298, 30.3888, 39.9229**, and if you desaturate by 10%, it is **40.2449, 42.5375, 41.6872**.

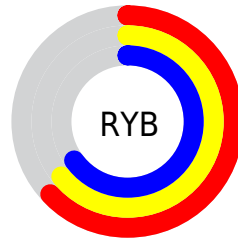
Distribution



Red (63%)

Green (64%)

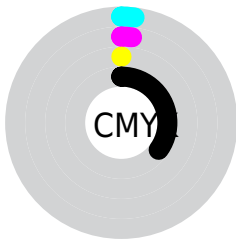
Blue (65%)



Red (63%)

Yellow (64%)

Blue (65%)

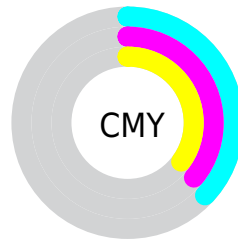


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4098, 36.1343, 40.7583 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 34.4098, 36.1343, 40.7583 by changing the saturation by 10% instead.

■ 34.4098, 36.1343,
40.7583

■ 34.4098, 36.1343,
40.7583

313.5093,
329.5472, 364.9561

■ 23.3730, 24.5379,
27.8120

■ 65.9105, 69.2393,
77.5665

■ 14.9914, 15.7331,
17.9462

■ 87.1051, 91.5167,
102.2655

■ 8.8996, 9.3355,
10.7423

112.4163,
118.1233, 131.7192

■ 4.7323, 4.9607,
5.7819

142.2095,
149.4434, 166.3460

■ 2.1242, 2.2242,
2.6463

176.8501,
185.8615, 206.5646

■ 0.7023, 0.7331,
0.9162

216.7033,

■ 0.0000, 0.0000,

227.7618, 252.7934

0.0000

262.1346,
275.5289, 305.4511

■ 34.4098, 36.1343,
40.7583

■ 34.4098, 36.1343,
40.7583

■ 29.2298, 30.3888,
39.9229

■ 40.2449, 42.5375,
41.6872

■ 24.6786, 25.2753,
39.1757

■ 46.7539, 49.6138,
42.7100

■ 20.7326, 20.7731,
38.5147

■ 53.9590, 57.3840,
43.8301

■ 17.3655, 16.8585,
37.9366

■ 61.8801, 65.8666,
45.0499

■ 14.5492, 13.5065,
37.4380

■ 70.5365, 75.0794,
46.3719

■ 12.2529, 10.6900,
37.0154

■ 78.0825, 84.0783,
47.7112

■ 10.4427, 8.3795,
36.6648

■ 81.7705, 91.4545,
48.9405

■ 9.0806, 6.5424,
36.3820

■ 83.7916, 95.4967,
49.6142

■ 8.1220, 5.1418,
36.1622

Harmonies

Analogous

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



34.1574, 36.1343, 40.6622



34.4098, 36.1343, 40.7583



34.6459, 36.1343, 40.4717

Triad

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



34.4098, 36.1343, 40.7583



34.7361, 36.1343, 38.4899



33.8914, 36.1343, 38.8094

Complementary

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



34.4098, 36.1343, 40.7583



35.2256, 37.1231, 39.0277

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.



34.0450, 36.1343, 38.2377



34.4098, 36.1343, 40.7583



34.5324, 36.1343, 38.0548

Square

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



34.4098, 36.1343, 40.7583



34.8349, 36.1343, 39.1577



34.2794, 36.1343, 37.9630



33.8589, 36.1343, 39.5311

Rectangle

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



34.4098, 36.1343, 40.7583



34.7620, 36.1343, 40.1043



34.2794, 36.1343, 37.9630



33.9305, 36.1343, 38.5936

Sweetspot

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



34.4108, 36.1358, 40.7591



63.0237, 66.2559, 73.2193



34.8485, 37.1658, 40.4280



13.7912, 14.4991, 16.0092



78.6606, 82.7571, 90.1225



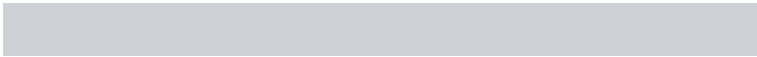
14.0027, 14.7319, 16.0430

Same Dimension

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



34.4108, 36.1358, 40.7591



61.0070, 64.0323, 72.8964



34.4237, 35.8814, 40.7093



7.4844, 7.8513, 9.0240



5.7818, 3.3430, 27.2703



0.1565, 0.1403, 0.5847

Inverse Universe

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



34.7843, 36.0984, 39.3185



61.8471, 63.9504, 69.6555



35.2123, 37.3836, 39.0787



7.6102, 7.8394, 8.5386



12.0639, 6.1816, 2.2609



0.2712, 0.1370, 0.1406

Previews

White Background



This preview shows how the XYZ color 34.4098, 36.1343, 40.7583 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 34.4098, 36.1343, 40.7583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

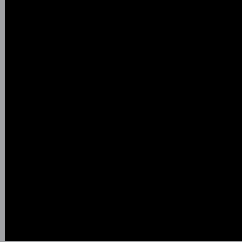
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

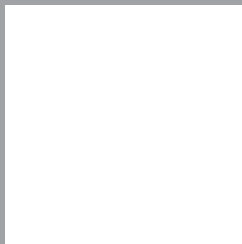
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4098, 36.1343, 40.7583

Background



This preview shows how black text looks on a background with the XYZ color 34.4098, 36.1343, 40.7583.



This preview shows how white text looks on a background with the XYZ color 34.4098, 36.1343,

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

34.4098, 36.1343, 40.7583

Protanopia

34.7556, 36.0626, 40.2509

Deuteranopia

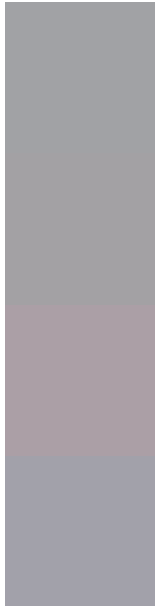
36.8444, 36.0972, 41.1019



Tritanopia

35.1880, 36.1883, 44.6656

Trichromacy



Original Color

34.4098, 36.1343, 40.7583

Protanomaly

34.5500, 35.9566, 40.2413

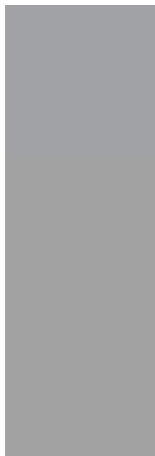
Deuteranomaly

36.0757, 36.2074, 41.1637

Tritanomaly

34.9009, 36.0734, 43.1536

Monochromacy



Original Color

34.4098, 36.1343, 40.7583

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4315, 36.1664, 39.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4098, 36.1343, 40.7583 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(161, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 162, 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(161, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 162, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.4098, 36.1343, 40.7583 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(161, 162, 165) }
```


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

```
.border{ border-color:rgb(161, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 162,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4098, 36.1343, 40.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 162, 165) }
```

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

```
.background{ background-color: rgb(161,  
162, 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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