

Converting Colors

XYZ(34.9741, 36.0036, 41.8923)

Have a look what the booklet for
XYZ(34.9741, 36.0036, 41.8923)
contains.

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Color

**XYZ(34.8557, 35.8241,
41.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A0A7
RGB	164, 160, 167
RGB Percent	64%, 63%, 65%
CMY	0.3569, 0.3725, 0.3451
CMYK	0.02, 0.04, 0.00, 0.35
HSL	274°, 4%, 64%
HSV	274°, 4%, 65%
XYZ	34.8557, 35.8241, 41.6369
YIQ	161.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

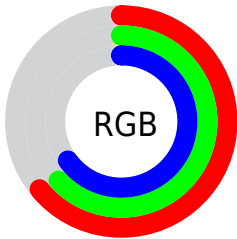
Format	Color
RYB	164, 160, 167
Decimal	10789031
CIELab	66.39, 2.78, -3.12
CIElCh	66, 4.182, 311.667
Yxy	35.8241, 0.3103, 0.3190
Android (android.graphics.Color)	4288979111 (0xFFA4A0A7)
YUV	161.9940, 2.4680, 1.7593
Hunter-Lab	59.8532, -0.7932, 0.6522

Details

The XYZ color **34.8557, 35.8241, 41.6369** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2694, 37.9630, 38.7281**, and the grayscale version is **34.3294, 36.1173, 39.3317**.

A 20% lighter version of the original color is **66.6987, 68.9349, 78.8976**, and **15.2452, 15.6198, 18.4311** is the 20% darker color. If you saturate the color by 10%, you get **30.7170, 29.6785, 40.6693**, and if you desaturate by 10%, it is **39.4685, 42.7935, 42.7395**.

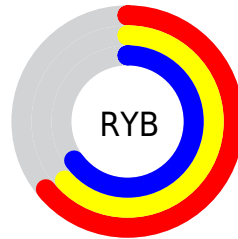
Distribution



Red (64%)

Green (63%)

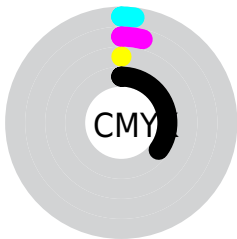
Blue (65%)



Red (64%)

Yellow (63%)

Blue (65%)

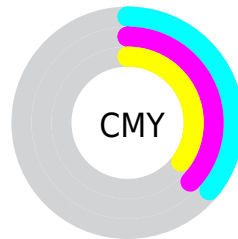


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (36%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8557, 35.8241, 41.6369 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 34.8557, 35.8241, 41.6369 by changing the saturation by 10% instead.

■ 34.8557, 35.8241,
41.6369

■ 34.8557, 35.8241,
41.6369

315.4501,
328.1911, 368.7307

■ 23.7177, 24.2984,
28.4936

■ 66.5977, 68.7605,
78.9139

■ 15.2480, 15.5551,
18.4558

■ 87.9324, 90.9399,
103.8848

■ 9.0810, 9.2099,
11.1049

113.3967,
117.4394, 133.6353

■ 4.8516, 4.8783,
6.0224

143.3560,
148.6433, 168.5839

■ 2.1943, 2.1761,
2.7897

178.1756,
184.9360, 209.1492

■ 0.7397, 0.7069,
0.9883

218.2210,

■ 0.0000, 0.0000,

226.7020, 255.7497

0.0000

263.8573,
274.3255, 308.8041

■ 34.8557, 35.8241,
41.6369

■ 34.8557, 35.8241,
41.6369

■ 30.7170, 29.6785,
40.6693

■ 39.4685, 42.7935,
42.7395

■ 27.0327, 24.3205,
39.8293

■ 44.5683, 50.6118,
43.9798

■ 23.7859, 19.7182,
39.1121

■ 50.1711, 59.3088,
45.3632

■ 20.9576, 15.8356,
38.5118

■ 56.2913, 68.9114,
46.8941

■ 18.5271, 12.6335,
38.0218

■ 62.9427, 79.4453,
48.5768

■ 16.4720, 10.0693,
37.6352

■ 68.4558, 87.5695,
49.8544

■ 14.7672, 8.0950,
37.3440

■ 70.5013, 88.6240,
49.9501

■ 13.3839, 6.6556,
37.1390

■ 72.6386, 89.7259,
50.0502

■ 12.2880, 5.6853,
37.0095

■ 74.8690, 90.8757,
50.1545

Harmonies

Analogous

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



34.2936, 35.8241, 42.4784



34.8557, 35.8241, 41.6369



35.2044, 35.8241, 40.1000

Triad

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



34.8557, 35.8241, 41.6369



34.4295, 35.8241, 35.8267



32.8852, 35.8241, 39.7072

Complementary

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



34.8557, 35.8241, 41.6369



35.2694, 37.9630, 38.7281

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.



32.9206, 35.8241, 37.9327



34.8557, 35.8241, 41.6369



33.8071, 35.8241, 35.7288

Square

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



34.8557, 35.8241, 41.6369



34.9563, 35.8241, 36.7606



33.2563, 35.8241, 36.4890



33.1590, 35.8241, 41.3417

Rectangle

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



34.8557, 35.8241, 41.6369



35.2663, 35.8241, 38.9062



33.2563, 35.8241, 36.4890



32.8614, 35.8241, 39.1066

Sweetspot

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



34.8567, 35.8256, 41.6377



64.9521, 67.9569, 75.1689



34.5767, 36.4712, 41.7770



14.5454, 15.2231, 16.8239



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.



34.8567, 35.8256, 41.6377



61.7234, 63.1097, 74.4035



35.4402, 36.1314, 41.4402



7.8878, 8.0422, 9.5549



9.0378, 4.0426, 28.2794



0.2767, 0.1276, 0.6907

Inverse Universe

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



35.1192, 36.0030, 39.7503



62.2939, 63.4950, 70.3109



34.7033, 37.6664, 38.9151



7.9681, 8.0964, 8.9797



13.1033, 6.6500, 5.3554



0.3446, 0.1721, 0.2662

Previews

White Background



This preview shows how the XYZ color 34.8557, 35.8241, 41.6369 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 34.8557, 35.8241, 41.6369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

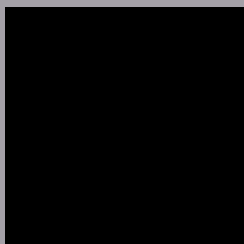
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

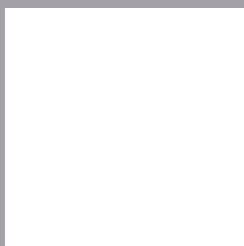
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8557, 35.8241, 41.6369

Background



This preview shows how black text looks on a background with the XYZ color 34.8557, 35.8241, 41.6369.

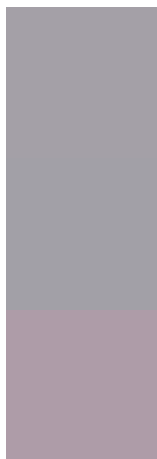


This preview shows how white text looks on a background with the XYZ color 34.8557, 35.8241,

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

34.8557, 35.8241, 41.6369

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

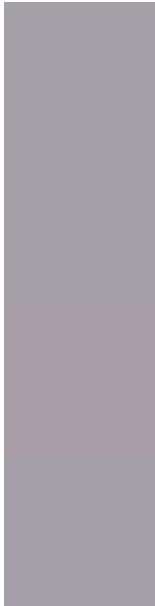
36.4119, 35.6028, 41.9987



Tritanopia

35.3616, 35.7742, 44.0711

Trichromacy



Original Color

34.8557, 35.8241, 41.6369

Protanomaly

34.6501, 35.7182, 41.6273

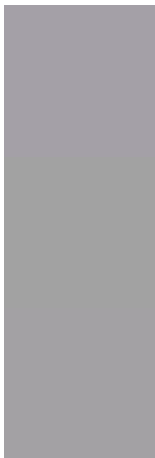
Deuteranomaly

35.7024, 35.4871, 42.0138

Tritanomaly

35.1709, 35.6979, 43.0669

Monochromacy



Original Color

34.8557, 35.8241, 41.6369

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5500, 35.9566, 40.2413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8557, 35.8241, 41.6369 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, 160, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 160, 167)  
}
```

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, 160, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 160, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.8557, 35.8241, 41.6369 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, 160, 167) }
```


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

```
.border{ border-color:rgb(164, 160, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 160, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 160, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 160, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 160,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8557, 35.8241, 41.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 160, 167) }
```

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

```
.background{ background-color: rgb(164,  
160, 167) }
```

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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