

Converting Colors

XYZ(35.7298, 37.3587, 41.2841)

Have a look what the booklet for
XYZ(35.7298, 37.3587, 41.2841)
contains.

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Color

**XYZ(35.6754, 37.3034,
41.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A4A6
RGB	165, 164, 166
RGB Percent	65%, 64%, 65%
CMY	0.3529, 0.3568, 0.3490
CMYK	0.01, 0.01, 0.00, 0.35
HSL	270°, 1%, 65%
HSV	270°, 1%, 65%
XYZ	35.6754, 37.3034, 41.3964
YIQ	164.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

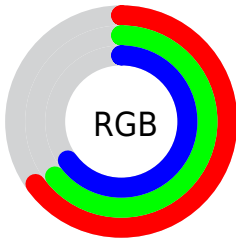
Format	Color
RYB	165, 164, 166
Decimal	10855590
CIELab	67.50, 0.74, -0.91
CIELCh	68, 1.178, 309.028
Yxy	37.3034, 0.3119, 0.3261
Android (android.graphics.Color)	4289045670 (0xFFA5A4A6)
YUV	164.5270, 0.7262, 0.4148
Hunter-Lab	61.0765, -2.6203, 2.5680

Details

The XYZ color **35.6754, 37.3034, 41.3964** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8556, 37.9532, 40.5598**, and the grayscale version is **35.5353, 37.3859, 40.7133**.

A 20% lighter version of the original color is **67.8979, 71.0991, 78.5515**, and **15.6415, 16.3140, 18.2441** is the 20% darker color. If you saturate the color by 10%, you get **31.2232, 30.8831, 40.3924**, and if you desaturate by 10%, it is **40.6299, 44.5604, 42.5366**.

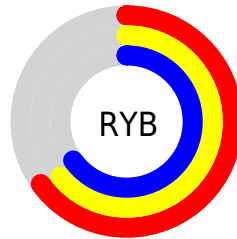
Distribution



Red (65%)

Green (64%)

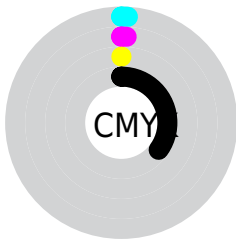
Blue (65%)



Red (65%)

Yellow (64%)

Blue (65%)

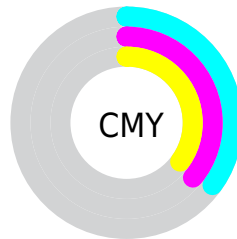


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6754, 37.3034, 41.3964 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 35.6754, 37.3034, 41.3964 by changing the saturation by 10% instead.

■ 35.6754, 37.3034,
41.3964

■ 35.6754, 37.3034,
41.3964

318.9956,
334.6222, 367.7002

■ 24.3526, 25.4425,
28.3069

■ 67.8579, 71.0392,
78.5455

■ 15.7215, 16.4070,
18.3161

■ 89.4483, 93.6828,
103.4422

■ 9.4169, 9.8126,
11.0054

115.1919,
120.6895, 133.1116

■ 5.0734, 5.2749,
5.9562

145.4540,
152.4436, 167.9725

■ 2.3256, 2.4094,
2.7501

180.6001,
189.3295, 208.4432

■ 0.8077, 0.8307,
0.9685

220.9955,

■ 0.0000, 0.0000,

231.7317, 254.9424

0.0000

267.0056,
280.0344, 307.8886

■ 35.6754, 37.3034,
41.3964

■ 35.6754, 37.3034,
41.3964

■ 31.2232, 30.8831,
40.3924

■ 40.6299, 44.5604,
42.5366

■ 27.2532, 25.2638,
39.5170

■ 46.0997, 52.6786,
43.8152

■ 23.7484, 20.4143,
38.7657

■ 52.1013, 61.6873,
45.2378

■ 20.6894, 16.2995,
38.1326

■ 58.6493, 71.6131,
46.8085

■ 18.0557, 12.8813,
37.6117

■ 65.7580, 82.4814,
48.5317

■ 15.8247, 10.1183,
37.1960

■ 70.6340, 88.7031,
49.4756

■ 13.9715, 7.9645,
36.8779

■ 73.1363, 89.9931,
49.5927

■ 12.4681, 6.3677,
36.6489

■ 75.7645, 91.3479,
49.7157

■ 11.2816, 5.2661,
36.4988

■ 78.5202, 92.7686,
49.8447

Harmonies

Analogous

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



35.5104, 37.3034, 41.6096



35.6754, 37.3034, 41.3964



35.7818, 37.3034, 40.9749

Triad

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



35.6754, 37.3034, 41.3964



35.5805, 37.3034, 39.6933



35.1131, 37.3034, 40.7737

Complementary

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



35.6754, 37.3034, 41.3964



35.8556, 37.9532, 40.5598

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.



35.1317, 37.3034, 40.2613



35.6754, 37.3034, 41.3964



35.4012, 37.3034, 39.6405

Square

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



35.6754, 37.3034, 41.3964



35.7269, 37.3034, 39.9926



35.2370, 37.3034, 39.8476



35.1860, 37.3034, 41.2480

Rectangle

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



35.6754, 37.3034, 41.3964



35.8049, 37.3034, 40.6340



35.2370, 37.3034, 39.8476



35.1089, 37.3034, 40.6002

Sweetspot

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



35.6765, 37.3050, 41.3972



65.7814, 69.2071, 75.3665



35.6553, 37.5694, 41.4494



14.7206, 15.4872, 16.8656



80.6108, 84.8088, 92.3568

Same Dimension

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



35.6765, 37.3050, 41.3972



64.9060, 67.9331, 75.1668



35.8784, 37.4091, 41.4067



8.3549, 8.7486, 9.6666



8.1479, 3.5838, 28.2378



0.2573, 0.1177, 0.6898

Inverse Universe

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



35.7942, 37.3762, 40.9271



65.0871, 68.0427, 74.4441



35.6552, 37.8498, 40.5504



8.3762, 8.7614, 9.5818



13.4333, 6.7820, 7.0931



0.3527, 0.1753, 0.3087

Previews

White Background



This preview shows how the XYZ color 35.6754, 37.3034, 41.3964 looks on a white background.

Color Contrast Check

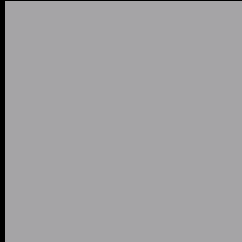
Large Text (above 18pt) WCAG AA × Fail

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 35.6754, 37.3034, 41.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

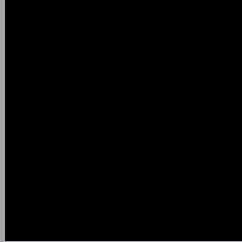
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6754, 37.3034, 41.3964

Background



This preview shows how black text looks on a background with the XYZ color 35.6754, 37.3034, 41.3964.

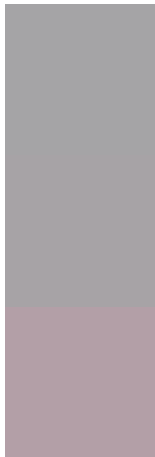


This preview shows how white text looks on a background with the XYZ color 35.6754, 37.3034,

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

35.6754, 37.3034, 41.3964

Protanopia

35.9165, 37.1630, 41.3566

Deuteranopia

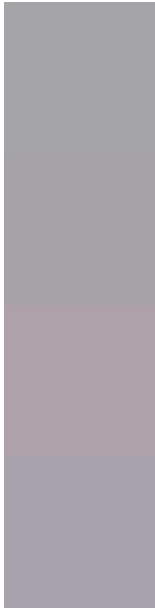
37.9636, 37.1700, 41.7328



Tritanopia

36.5609, 37.3965, 45.8487

Trichromacy



Original Color

35.6754, 37.3034, 41.3964

Protanomaly

35.7060, 37.0546, 41.3467

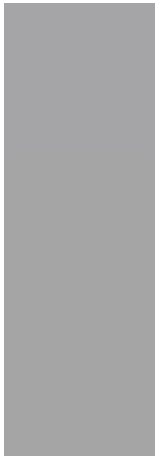
Deuteranomaly

37.1755, 37.2784, 41.7953

Tritanomaly

36.2695, 37.2799, 44.3139

Monochromacy



Original Color

35.6754, 37.3034, 41.3964

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7637, 37.6262, 40.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6754, 37.3034, 41.3964 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(165, 164, 166) looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 166)  
}
```

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(165, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.6754, 37.3034, 41.3964 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(165, 164, 166) }
```

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

```
.border{ border-color:rgb(165, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
166) }
```


Background

The CSS property to change the background color of an element to XYZ 35.6754, 37.3034, 41.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 166) }
```

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

```
.background{ background-color: rgb(165,  
164, 166) }
```

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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