

Converting Colors

XYZ(34.9886, 37.2489, 41.3019)

Have a look what the booklet for
XYZ(34.9886, 37.2489, 41.3019)
contains.

XYZ(35.0360, 37.2405, 41.4179)	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(35.0360, 37.2405,
41.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5A6
RGB	161, 165, 166
RGB Percent	63%, 65%, 65%
CMY	0.3686, 0.3529, 0.3490
CMYK	0.03, 0.01, 0.00, 0.35
HSL	192°, 3%, 64%
HSV	192°, 3%, 65%
XYZ	35.0360, 37.2405, 41.4179
YIQ	163.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

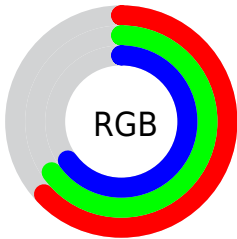
Format	Color
R _Y B	161, 163, 166
Decimal	10593702
CIE Lab	67.46, -1.22, -1.02
CIE LCh	67, 1.594, 219.843
Yxy	37.2405, 0.3082, 0.3275
Android (android.graphics.Color)	4288783782 (0xFFA1A5A6)
YUV	163.9180, 1.0264, -2.5591
Hunter-Lab	61.0250, -4.3124, 2.4771

Details

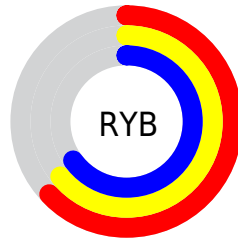
The XYZ color **35.0360, 37.2405, 41.4179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0793, 36.5205, 38.9190**, and the grayscale version is **35.2447, 37.0801, 40.3803**.

A 20% lighter version of the original color is **66.9632, 71.0058, 78.5828**, and **15.3728, 16.3402, 18.2633** is the 20% darker color. If you saturate the color by 10%, you get **31.3212, 34.4514, 41.0759**, and if you desaturate by 10%, it is **39.2126, 40.2927, 41.7875**.

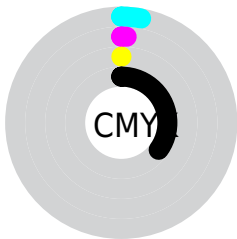
Distribution



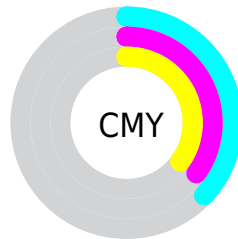
- Red (63%)
- Green (65%)
- Blue (65%)



- Red (63%)
- Yellow (64%)
- Blue (65%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0360, 37.2405, 41.4179 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 35.0360, 37.2405, 41.4179 by changing the saturation by 10% instead.

■ 35.0360, 37.2405,
41.4179

■ 35.0360, 37.2405,
41.4179

316.2324,
334.3506, 367.7924

■ 23.8573, 25.3938,
28.3236

■ 66.8752, 70.9425,
78.5784

■ 15.3519, 16.3707,
18.3286

■ 88.2663, 93.5666,
103.4817

■ 9.1547, 9.7868,
11.0143

113.7923,
120.5519, 133.1585

■ 4.9001, 5.2578,
5.9621

143.8185,
152.2828, 168.0272

■ 2.2229, 2.3993,
2.7537

178.7103,
189.1437, 208.5064

■ 0.7548, 0.8255,
0.9703

218.8330,

■ 0.0000, 0.0000,

231.5191, 255.0146

0.0000

264.5519,
279.7932, 307.9705

■ 35.0360, 37.2405,
41.4179

■ 35.0360, 37.2405,
41.4179

■ 31.3212, 34.4514,
41.0759

■ 39.2126, 40.2927,
41.7875

■ 28.0474, 31.9114,
40.7582

■ 43.8642, 43.6119,
42.1830

■ 25.1972, 29.6123,
40.4646

■ 49.0077, 47.2079,
42.6060

■ 22.7505, 27.5438,
40.1943

■ 54.6580, 51.0886,
43.0572

■ 20.6857, 25.6943,
39.9462

■ 60.8293, 55.2616,
43.5374

■ 18.9790, 24.0516,
39.7190

■ 65.4445, 58.6560,
43.9494

■ 17.6040, 22.6017,
39.5117

■ 66.1445, 60.0562,
44.1827

■ 16.5304, 21.3289,
39.3226

■ 66.8608, 61.4888,
44.4215

■ 15.7221, 20.2144,
39.1501

■ 67.5935, 62.9541,
44.6657

Harmonies

Analogous

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



34.9345, 37.2405, 40.7793



35.0360, 37.2405, 41.4179



35.2341, 37.2405, 41.8265

Triad

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



35.0360, 37.2405, 41.4179



35.8394, 37.2405, 41.0146



35.3156, 37.2405, 39.2355

Complementary

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



35.0360, 37.2405, 41.4179



35.0793, 36.5205, 38.9190

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.



35.5583, 37.2405, 39.2969



35.0360, 37.2405, 41.4179



35.8615, 37.2405, 40.3187

Square

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



35.0360, 37.2405, 41.4179



35.6982, 37.2405, 41.5919



35.7584, 37.2405, 39.6915



35.0954, 37.2405, 39.5229

Rectangle

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



35.0360, 37.2405, 41.4179



35.3947, 37.2405, 41.9108



35.7584, 37.2405, 39.6915



35.3973, 37.2405, 39.2161

Sweetspot

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



35.0371, 37.2421, 41.4187



65.0311, 68.6554, 75.2996



34.8489, 37.4557, 39.5371



14.5621, 15.3707, 16.8515



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.



35.0371, 37.2421, 41.4187



62.8326, 67.0297, 75.1017



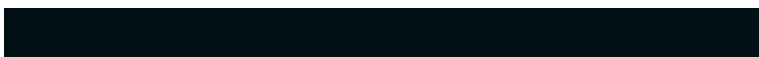
34.6048, 36.3775, 41.2746



8.0266, 8.5796, 9.6513



11.8634, 15.1869, 30.2816



0.3201, 0.4324, 0.7472

Inverse Universe

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



35.2631, 36.3140, 40.7499



63.3848, 64.7716, 73.4655



35.5096, 37.3811, 39.0625



8.1074, 8.2500, 9.4118



15.4887, 7.6042, 17.9167



0.3927, 0.1914, 0.5195

Previews

White Background



This preview shows how the XYZ color 35.0360, 37.2405, 41.4179 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 35.0360, 37.2405, 41.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

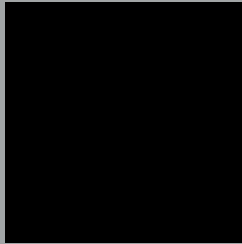
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0360, 37.2405, 41.4179

Background



This preview shows how black text looks on a background with the XYZ color 35.0360, 37.2405, 41.4179.



This preview shows how white text looks on a background with the XYZ color 35.0360, 37.2405,

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

35.0360, 37.2405, 41.4179

Protanopia

35.8251, 37.1265, 40.8753

Deuteranopia

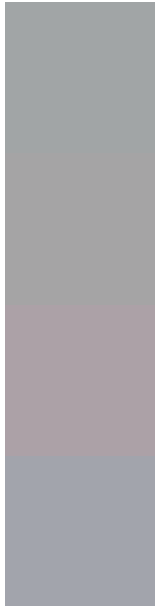
37.9636, 37.1700, 41.7328



Tritanopia

36.0379, 37.1155, 46.3389

Trichromacy



Original Color

35.0360, 37.2405, 41.4179

Protanomaly

35.5840, 37.2669, 40.9151

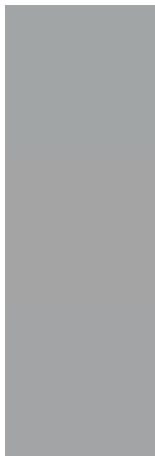
Deuteranomaly

36.7332, 37.0504, 41.7746

Tritanomaly

35.6221, 37.2109, 44.3347

Monochromacy



Original Color

35.0360, 37.2405, 41.4179

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1712, 37.0541, 40.8957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0360, 37.2405, 41.4179 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, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 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(161, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.0360, 37.2405, 41.4179 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, 165, 166) }
```


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

```
.border{ border-color:rgb(161, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0360, 37.2405, 41.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 166) }
```

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

```
.background{ background-color: rgb(161,  
165, 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](#).

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