

Converting Colors

XYZ(35.5805, 37.7701, 41.0564)

Have a look what the booklet for
XYZ(35.5805, 37.7701, 41.0564)
contains.

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Color

**XYZ(35.5320, 37.7756,
41.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A6A5
RGB	163, 166, 165
RGB Percent	64%, 65%, 65%
CMY	0.3608, 0.3490, 0.3529
CMYK	0.02, 0.00, 0.01, 0.35
HSL	160°, 2%, 65%
HSV	160°, 2%, 65%
XYZ	35.5320, 37.7756, 41.0160
YIQ	164.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

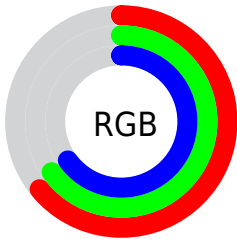
Format	Color
RYB	163, 165, 166
Decimal	10725029
CIELab	67.85, -1.25, 0.14
CIELCh	68, 1.262, 173.853
Yxy	37.7756, 0.3108, 0.3304
Android (android.graphics.Color)	4288915109 (0xFFA3A6A5)
YUV	164.9890, 0.0054, -1.7444
Hunter-Lab	61.4619, -4.3648, 3.4567

Details

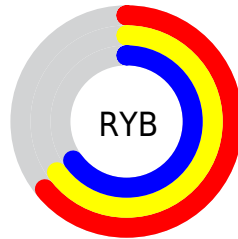
The XYZ color **35.5320, 37.7756, 41.0160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5253, 36.9827, 40.3898**, and the grayscale version is **35.7603, 37.6226, 40.9710**.

A 20% lighter version of the original color is **67.6882, 71.7856, 77.9986**, and **15.5535, 16.6064, 18.0084** is the 20% darker color. If you saturate the color by 10%, you get **31.8602, 35.9408, 38.2675**, and if you desaturate by 10%, it is **39.6741, 39.8524, 43.9023**.

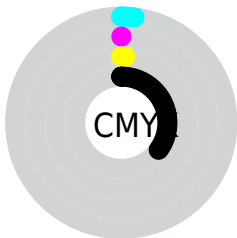
Distribution



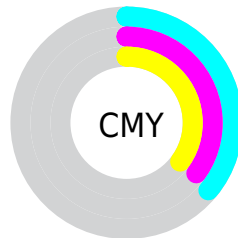
- Red (64%)
- Green (65%)
- Blue (65%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5320, 37.7756, 41.0160 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 35.5320, 37.7756, 41.0160 by changing the saturation by 10% instead.

■ 35.5320, 37.7756,
41.0160

■ 35.5320, 37.7756,
41.0160

318.3774,
336.6564, 366.0661

■ 24.2414, 25.8086,
28.0118

■ 67.6377, 71.7641,
77.9621

■ 15.6385, 16.6805,
18.0954

■ 89.1835, 94.5543,
102.7411

■ 9.3579, 10.0069,
10.8484

114.8785,
121.7210, 132.2821

■ 5.0343, 5.4036,
5.8521

145.0879,
153.6487, 167.0036

■ 2.3024, 2.4859,
2.6880

180.1771,
190.7217, 207.3243

■ 0.7959, 0.8696,
0.9374

220.5116,

■ 0.0000, 0.0000,

233.3243, 253.6625

0.0000

266.4565,
281.8411, 306.4370

■ 35.5320, 37.7756,
41.0160

■ 35.5320, 37.7756,
41.0160

■ 31.8602, 35.9408,
38.2675

■ 39.6741, 39.8524,
43.9023

■ 28.6378, 34.3342,
35.6520

■ 44.2997, 42.1749,
46.9260

■ 25.8474, 32.9478,
33.1680

■ 49.4258, 44.7527,
50.0902

■ 23.4689, 31.7713,
30.8132

■ 55.0672, 47.5937,
53.3968

■ 21.4808, 30.7936,
28.5849

■ 61.2385, 50.7051,
56.8479

■ 19.8594, 30.0027,
26.4806

■ 65.1005, 52.6233,
60.3118

■ 18.5785, 29.3849,
24.4974

■ 65.7530, 52.8843,
63.7479

■ 17.6080, 28.9249,
22.6322

■ 66.4291, 53.1548,
67.3085

■ 16.9126, 28.6044,
20.8819

■ 67.1292, 53.4348,
70.9951

Harmonies

Analogous

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



35.6018, 37.7756, 40.4992



35.5320, 37.7756, 41.0160



35.5618, 37.7756, 41.5682

Triad

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



35.5320, 37.7756, 41.0160



36.0569, 37.7756, 42.1240



36.1268, 37.7756, 40.2677

Complementary

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



35.5320, 37.7756, 41.0160



35.5253, 36.9827, 40.3898

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.



36.2496, 37.7756, 40.6972



35.5320, 37.7756, 41.0160



36.2091, 37.7756, 41.7697

Square

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



35.5320, 37.7756, 41.0160



35.8643, 37.7756, 42.2113



36.2797, 37.7756, 41.2466



35.9449, 37.7756, 40.0697

Rectangle

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



35.5320, 37.7756, 41.0160



35.6341, 37.7756, 41.8818



36.2797, 37.7756, 41.2466



36.1764, 37.7756, 40.3896

Sweetspot

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



35.5331, 37.7772, 41.0168



65.0484, 68.8401, 74.8425



35.5685, 37.8164, 40.0754



14.5657, 15.4097, 16.7549



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.



35.5331, 37.7772, 41.0168



64.3243, 68.4776, 74.3211



35.5430, 37.6504, 41.4723



8.2865, 8.8125, 9.5674



12.8029, 22.0399, 15.2609



0.3338, 0.5451, 0.4886

Inverse Universe

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



35.5253, 36.9827, 40.3898



64.3084, 66.8562, 73.0415



35.5152, 37.1068, 39.9413



8.2847, 8.6220, 9.4171



12.7573, 6.5116, 3.5337



0.3340, 0.1679, 0.2104

Previews

White Background



This preview shows how the XYZ color 35.5320, 37.7756, 41.0160 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 35.5320, 37.7756, 41.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

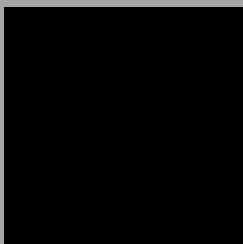
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

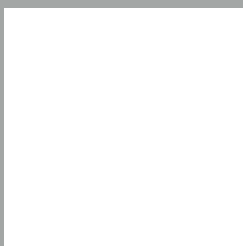
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5320, 37.7756, 41.0160

Background



This preview shows how black text looks on a background with the XYZ color 35.5320, 37.7756, 41.0160.



This preview shows how white text looks on a background with the XYZ color 35.5320, 37.7756,

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

35.5320, 37.7756, 41.0160

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

38.5098, 37.7185, 41.3271



Tritanopia

36.7283, 37.7246, 46.9408

Trichromacy



Original Color

35.5320, 37.7756, 41.0160

Protanomaly

35.8819, 37.6976, 40.5071

Deuteranomaly

37.2588, 37.5925, 41.3687

Tritanomaly

36.3078, 37.8199, 44.9215

Monochromacy



Original Color

35.5320, 37.7756, 41.0160

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5565, 37.5194, 40.9652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5320, 37.7756, 41.0160 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(163, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 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(163, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.5320, 37.7756, 41.0160 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(163, 166, 165) }
```


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

```
.border{ border-color:rgb(163, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5320, 37.7756, 41.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 165) }
```

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

```
.background{ background-color: rgb(163,  
166, 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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