

Converting Colors

XYZ(35.2123, 37.3587, 40.4712)

Have a look what the booklet for
XYZ(35.2123, 37.3587, 40.4712)
contains.

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Color

**XYZ(35.2602, 37.3771,
40.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A5A4
RGB	163, 165, 164
RGB Percent	64%, 65%, 64%
CMY	0.3608, 0.3529, 0.3569
CMYK	0.01, 0.00, 0.01, 0.35
HSL	150°, 1%, 64%
HSV	150°, 1%, 65%
XYZ	35.2602, 37.3771, 40.4781
YIQ	164.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

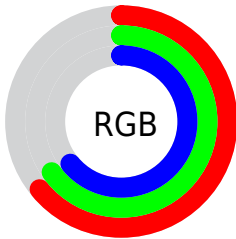
Format	Color
RYB	163, 164, 165
Decimal	10724772
CIELab	67.56, -0.90, 0.26
CIELCh	68, 0.936, 163.935
Yxy	37.3771, 0.3117, 0.3304
Android (android.graphics.Color)	4288914852 (0xFFA3A5A4)
YUV	164.2880, -0.1420, -1.1296
Hunter-Lab	61.1368, -4.0409, 3.5404

Details

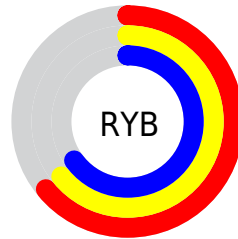
The XYZ color **35.2602, 37.3771, 40.4781** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3164, 36.8750, 40.3799**, and the grayscale version is **35.4256, 37.2705, 40.5875**.

A 20% lighter version of the original color is **67.2928, 71.2063, 77.2153**, and **15.3853, 16.3596, 17.6761** is the 20% darker color. If you saturate the color by 10%, you get **31.3780, 35.4602, 36.5286**, and if you desaturate by 10%, it is **39.6338, 39.5438, 44.7051**.

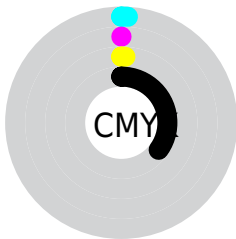
Distribution



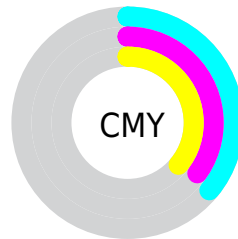
- Red (64%)
- Green (65%)
- Blue (64%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2602, 37.3771, 40.4781 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 35.2602, 37.3771, 40.4781 by changing the saturation by 10% instead.

■ 35.2602, 37.3771,
40.4781

■ 35.2602, 37.3771,
40.4781

317.2033,
334.9403, 363.7464

■ 24.0308, 25.4996,
27.5949

■ 67.2200, 71.1524,
77.1360

■ 15.4814, 16.4497,
17.7841

■ 88.6812, 93.8190,
101.7478

■ 9.2464, 9.8429,
10.6273

114.2837,
120.8507, 131.1063

■ 4.9606, 5.2949,
5.7058

144.3929,
152.6319, 165.6298

■ 2.2587, 2.4213,
2.6011

179.3740,
189.5471, 205.7371

■ 0.7734, 0.8368,
0.8930

219.5926,

■ 0.0000, 0.0000,

231.9807, 251.8466

0.0000

265.4139,
280.3169, 304.3768

■ 35.2602, 37.3771,
40.4781

■ 35.2602, 37.3771,
40.4781

■ 31.3780, 35.4602,
36.5286

■ 39.6338, 39.5438,
44.7051

■ 27.9661, 33.7793,
32.8485

■ 44.5126, 41.9642,
49.2126

■ 25.0068, 32.3262,
29.4328

■ 49.9137, 44.6481,
54.0065

■ 22.4797, 31.0907,
26.2756

■ 55.8524, 47.6032,
59.0922

■ 20.3630, 30.0616,
23.3706

■ 62.3435, 50.8370,
64.4744

■ 18.6326, 29.2266,
20.7113

■ 66.7773, 53.0043,
70.0353

■ 17.2623, 28.5724,
18.2908

■ 67.8565, 53.4359,
75.7183

■ 16.2218, 28.0834,
16.1019

■ 68.9899, 53.8893,
81.6869

■ 15.4759, 27.7415,
14.1369

■ 70.1784, 54.3647,
87.9451

Harmonies

Analogous

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



35.3339, 37.3771, 40.1285



35.2602, 37.3771, 40.4781



35.2575, 37.3771, 40.8887

Triad

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



35.2602, 37.3771, 40.4781



35.5926, 37.3771, 41.4724



35.7257, 37.3771, 40.1492

Complementary

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



35.2602, 37.3771, 40.4781



35.3164, 36.8750, 40.3799

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.



35.7954, 37.3771, 40.5065



35.2602, 37.3771, 40.4781



35.7184, 37.3771, 41.2715

Square

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



35.2602, 37.3771, 40.4781



35.4492, 37.3771, 41.4647



35.7928, 37.3771, 40.9173



35.6025, 37.3771, 39.9395

Rectangle

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



35.2602, 37.3771, 40.4781



35.2964, 37.3771, 41.1419



35.7928, 37.3771, 40.9173



35.7562, 37.3771, 40.2559

Sweetspot

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



35.2613, 37.3787, 40.4789



64.0503, 67.3860, 73.3833



35.3840, 37.4524, 40.0149



14.0027, 14.7319, 16.0430



78.6606, 82.7571, 90.1225

Same Dimension

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



35.2613, 37.3787, 40.4789



63.2918, 67.0107, 72.6344



35.3492, 37.4139, 40.9418



7.8545, 8.3112, 9.0125



11.3680, 20.8336, 9.6545



0.2627, 0.4473, 0.3285

Inverse Universe

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



35.3164, 36.8750, 40.3799



63.3747, 66.2529, 72.4854



35.2292, 36.8401, 39.9205



7.8638, 8.2257, 8.9957



12.9335, 6.5294, 6.8402



0.2956, 0.1467, 0.2693

Previews

White Background



This preview shows how the XYZ color 35.2602, 37.3771, 40.4781 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 35.2602, 37.3771, 40.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

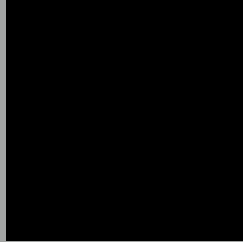
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2602, 37.3771, 40.4781

Background



This preview shows how black text looks on a background with the XYZ color 35.2602, 37.3771, 40.4781.

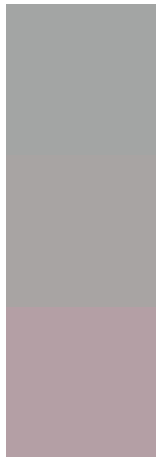


This preview shows how white text looks on a background with the XYZ color 35.2602, 37.3771,

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

35.2602, 37.3771, 40.4781

Protanopia

36.0348, 37.5201, 39.9932

Deuteranopia

38.0121, 37.2162, 40.7773



Tritanopia

36.4507, 37.3283, 46.3582

Trichromacy



Original Color

35.2602, 37.3771, 40.4781

Protanomaly

35.6122, 37.3023, 39.9734

Deuteranomaly

36.9920, 37.2050, 40.8289

Tritanomaly

36.0317, 37.4220, 44.3538

Monochromacy



Original Color

35.2602, 37.3771, 40.4781

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2861, 37.1238, 40.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2602, 37.3771, 40.4781 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, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 165, 164)  
}
```

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, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.2602, 37.3771, 40.4781 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, 165, 164) }
```

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

```
.border{ border-color:rgb(163, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 165,  
164) }
```


Background

The CSS property to change the background color of an element to XYZ 35.2602, 37.3771, 40.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 165, 164) }
```

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

```
.background{ background-color: rgb(163,  
165, 164) }
```

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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