

Converting Colors

XYZ(35.0637, 37.4647, 37.9617)

Have a look what the booklet for
XYZ(35.0637, 37.4647, 37.9617)
contains.

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Color

**XYZ(35.0230, 37.3060,
38.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A59F
RGB	164, 165, 159
RGB Percent	64%, 65%, 62%
CMY	0.3569, 0.3529, 0.3765
CMYK	0.01, 0.00, 0.04, 0.35
HSL	70°, 3%, 64%
HSV	70°, 4%, 65%
XYZ	35.0230, 37.3060, 38.1558
YIQ	164.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

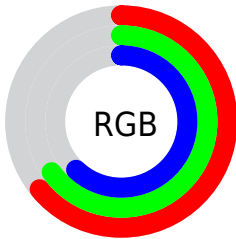
Format	Color
RYB	159, 165, 160
Decimal	10790303
CIELab	67.51, -1.48, 2.97
CIElCh	68, 3.320, 116.452
Yxy	37.3060, 0.3170, 0.3377
Android (android.graphics.Color)	4288980383 (0xFFA4A59F)
YUV	164.0170, -2.4734, -0.0149
Hunter-Lab	61.0786, -4.5342, 5.7166

Details

The XYZ color **35.0230, 37.3060, 38.1558** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6884, 34.9875, 40.5770**, and the grayscale version is **35.3065, 37.1452, 40.4511**.

A 20% lighter version of the original color is **66.9442, 71.1015, 73.8140**, and **15.2940, 16.3377, 16.5348** is the 20% darker color. If you saturate the color by 10%, you get **33.1232, 36.4822, 31.0848**, and if you desaturate by 10%, it is **37.1284, 38.2158, 46.2358**.

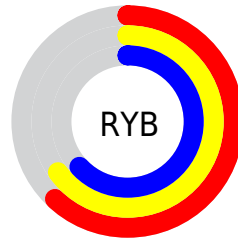
Distribution



Red (64%)

Green (65%)

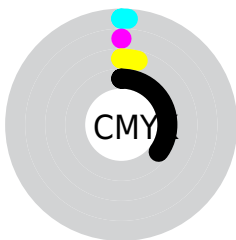
Blue (62%)



Red (62%)

Yellow (65%)

Blue (63%)

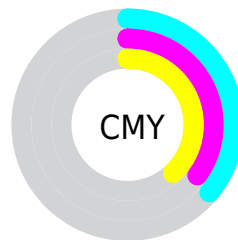


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (36%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0230, 37.3060, 38.1558 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 35.0230, 37.3060, 38.1558 by changing the saturation by 10% instead.

■ 35.0230, 37.3060,
38.1558

■ 35.0230, 37.3060,
38.1558

316.1761,
334.6334, 353.6060

■ 23.8472, 25.4445,
25.8009

■ 66.8552, 71.0432,
73.5529

■ 15.3444, 16.4085,
16.4503

■ 88.2423, 93.6876,
97.4322

■ 9.1494, 9.8137,
9.6856

113.7638,
120.6952, 125.9901

■ 4.8966, 5.2756,
5.0881

143.7852,
152.4502, 159.6449

■ 2.2209, 2.4099,
2.2394

178.6718,
189.3372, 198.8155

■ 0.7537, 0.8310,
0.6970

218.7889,

■ 0.0000, 0.0000,

231.7405, 243.9201

0.0000

264.5018,
280.0444, 295.3775

■ 35.0230, 37.3060,
38.1558

■ 35.0230, 37.3060,
38.1558

■ 33.1232, 36.4822,
31.0848

■ 37.1284, 38.2158,
46.2358

■ 31.4182, 35.7366,
24.9808

■ 39.4436, 39.2098,
55.3598

■ 29.9011, 35.0676,
19.8023

■ 41.9762, 40.2922,
65.5640

■ 28.5632, 34.4716,
15.5041

■ 44.7328, 41.4656,
76.8823

■ 27.3950, 33.9449,
12.0370

■ 47.7197, 42.7326,
89.3470

■ 26.3862, 33.4834,
9.3470

■ 50.4553, 43.9006,
100.4221

■ 25.5254, 33.0824,
7.3739

■ 51.1062, 44.2361,
100.4526

■ 24.7992, 32.7366,
6.0485

■ 51.7700, 44.5783,
100.4836

■ 24.1919, 32.4397,
5.2880

■ 52.4467, 44.9271,
100.5153

Harmonies

Analogous

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



35.5190, 37.3060, 37.8795



35.0230, 37.3060, 38.1558



34.6468, 37.3060, 39.0868

Triad

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



35.0230, 37.3060, 38.1558



34.9188, 37.3060, 43.0069



36.4465, 37.3060, 40.7940

Complementary

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



35.0230, 37.3060, 38.1558



33.6884, 34.9875, 40.5770

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.



36.2822, 37.3060, 42.1926



35.0230, 37.3060, 38.1558



35.3975, 37.3060, 43.4894

Square

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



35.0230, 37.3060, 38.1558



34.5871, 37.3060, 41.8844



35.8971, 37.3060, 43.1879



36.3439, 37.3060, 39.3811

Rectangle

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



35.0230, 37.3060, 38.1558



34.5130, 37.3060, 39.9652



35.8971, 37.3060, 43.1879



36.4206, 37.3060, 41.2817

Sweetspot

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



35.0240, 37.3076, 38.1566



63.6737, 67.2232, 71.9451



34.3471, 35.6452, 37.8714



13.9251, 14.6984, 15.7467



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



35.0240, 37.3076, 38.1566



62.5665, 66.7443, 67.7437



34.4124, 36.9923, 38.1280



7.7315, 8.2633, 8.3053



18.0727, 24.4273, 3.7624



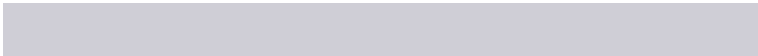
0.4087, 0.5282, 0.0804

Inverse Universe

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



33.6884, 34.9875, 40.5770



59.8959, 62.1055, 72.5830



34.2952, 35.3004, 40.6054



7.3567, 7.6122, 8.9846



5.5215, 2.2529, 27.0736



0.1453, 0.0624, 0.5702

Previews

White Background



This preview shows how the XYZ color 35.0230, 37.3060, 38.1558 looks on a white background.

Color Contrast Check

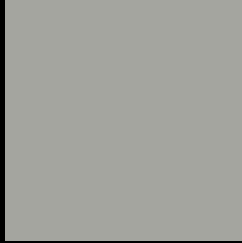
Large Text (above 18pt) WCAG AA × Fail

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 35.0230, 37.3060, 38.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

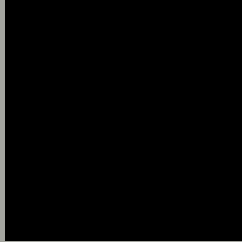
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0230, 37.3060, 38.1558

Background



This preview shows how black text looks on a background with the XYZ color 35.0230, 37.3060, 38.1558.



This preview shows how white text looks on a background with the XYZ color 35.0230, 37.3060,

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

35.0230, 37.3060, 38.1558

Protanopia

35.8092, 37.4546, 37.6899

Deuteranopia

38.0347, 37.2794, 38.4487



Tritanopia

36.5609, 37.3965, 45.8487

Trichromacy



Original Color

35.0230, 37.3060, 38.1558

Protanomaly

35.3834, 37.2350, 37.6699

Deuteranomaly

36.7692, 37.1418, 38.4888

Tritanomaly

35.9539, 37.4148, 42.8629

Monochromacy



Original Color

35.0230, 37.3060, 38.1558

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1069, 37.0521, 39.4839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0230, 37.3060, 38.1558 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, 165, 159) looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 159)  
}
```

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, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.0230, 37.3060, 38.1558 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, 165, 159) }
```


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

```
.border{ border-color:rgb(164, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0230, 37.3060, 38.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 159) }
```

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

```
.background{ background-color: rgb(164,  
165, 159) }
```

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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