

Converting Colors

XYZ(35.5263, 38.2254, 38.0296)

Have a look what the booklet for
XYZ(35.5263, 38.2254, 38.0296)
contains.

XYZ(35.5073, 38.1054, 37.8314)	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(35.5073, 38.1054,
37.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A79E
RGB	165, 167, 158
RGB Percent	65%, 65%, 62%
CMY	0.3529, 0.3451, 0.3804
CMYK	0.01, 0.00, 0.05, 0.35
HSL	73°, 5%, 64%
HSV	73°, 5%, 65%
XYZ	35.5073, 38.1054, 37.8314
YIQ	165.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

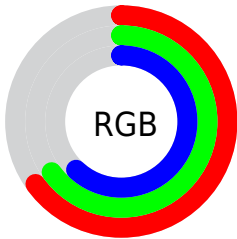
Format	Color
RYB	158, 167, 160
Decimal	10856350
CIELab	68.10, -2.39, 4.39
CIELCh	68, 5.001, 118.511
Yxy	38.1054, 0.3186, 0.3419
Android (android.graphics.Color)	4289046430 (0xFFA5A79E)
YUV	165.3760, -3.6364, -0.3298
Hunter-Lab	61.7296, -5.3522, 6.8744

Details

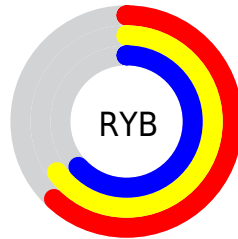
The XYZ color **35.5073, 38.1054, 37.8314** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7007, 34.7184, 41.4864**, and the grayscale version is **35.9620, 37.8348, 41.2021**.

A 20% lighter version of the original color is **67.6467, 72.2623, 73.3334**, and **15.5946, 16.8337, 16.3372** is the 20% darker color. If you saturate the color by 10%, you get **33.4050, 37.1777, 30.7322**, and if you desaturate by 10%, it is **37.8296, 39.1262, 45.9623**.

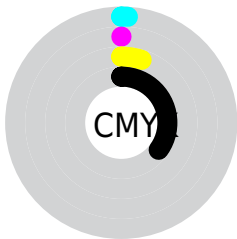
Distribution



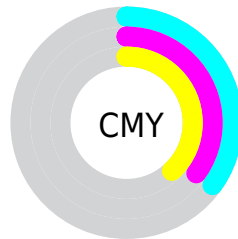
- Red (65%)
- Green (65%)
- Blue (62%)



- Red (62%)
- Yellow (65%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5073, 38.1054, 37.8314 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 35.5073, 38.1054, 37.8314 by changing the saturation by 10% instead.

■ 35.5073, 38.1054,
37.8314

■ 35.5073, 38.1054,
37.8314

318.2708,
338.0719, 352.1726

■ 24.2223, 26.0645,
25.5510

■ 67.5998, 72.2697,
73.0502

■ 15.6242, 16.8719,
16.2653

■ 89.1379, 95.1618,
96.8257

■ 9.3478, 10.1432,
9.5557

114.8245,
122.4398, 125.2700

■ 5.0276, 5.4940,
5.0037

145.0248,
154.4881, 158.8017

■ 2.2984, 2.5399,
2.1906

180.1042,
191.6911, 197.8393

■ 0.7939, 0.8966,
0.6690

220.4281,

■ 0.0000, 0.0000,

234.4331, 242.8013

0.0000

266.3619,
283.0986, 294.1062

■ 35.5073, 38.1054,
37.8314

■ 35.5073, 38.1054,
37.8314

■ 33.4050, 37.1777,
30.7322

■ 37.8296, 39.1262,
45.9623

■ 31.5114, 36.3348,
24.6210

■ 40.3763, 40.2381,
55.1612

■ 29.8192, 35.5750,
19.4545

■ 43.1557, 41.4457,
65.4659

■ 28.3190, 34.8946,
15.1855

■ 46.1745, 42.7517,
76.9115

■ 27.0011, 34.2896,
11.7625

■ 49.4393, 44.1588,
89.5316

■ 25.8544, 33.7556,
9.1290

■ 52.4362, 45.4615,
100.6190

■ 24.8666, 33.2875,
7.2214

■ 53.3592, 45.9373,
100.6622

■ 24.0237, 32.8799,
5.9663

■ 54.3058, 46.4253,
100.7065

■ 23.3077, 32.5255,
5.2706

■ 55.2764, 46.9257,
100.7519

Harmonies

Analogous

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



36.2570, 38.1054, 37.3454



35.5073, 38.1054, 37.8314



34.9549, 38.1054, 39.2882

Triad

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



35.5073, 38.1054, 37.8314



35.4408, 38.1054, 45.2595



37.7372, 38.1054, 41.6020

Complementary

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



35.5073, 38.1054, 37.8314



33.7007, 34.7184, 41.4864

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.



37.5113, 38.1054, 43.7732



35.5073, 38.1054, 37.8314



36.1791, 38.1054, 45.9311

Square

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



35.5073, 38.1054, 37.8314



34.9168, 38.1054, 43.5732



36.9382, 38.1054, 45.3778



37.5512, 38.1054, 39.4749

Rectangle

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



35.5073, 38.1054, 37.8314



34.7690, 38.1054, 40.6411



36.9382, 38.1054, 45.3778



37.7068, 38.1054, 42.3512

Sweetspot

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



35.5084, 38.1070, 37.8322



64.9401, 68.8376, 72.4265



34.6714, 35.8095, 37.4329



14.5428, 15.4092, 16.2441



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.



35.5084, 38.1070, 37.8322



63.3065, 68.1188, 66.7782



34.5990, 37.6382, 37.7897



8.1196, 8.7494, 8.5175



17.6429, 24.7925, 3.8555



0.4686, 0.6235, 0.0956

Inverse Universe

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



33.7007, 34.7184, 41.4864



59.6556, 61.2748, 74.1583



34.6061, 35.1852, 41.5287



7.6211, 7.8150, 9.5251



5.9618, 2.4568, 28.1355



0.1867, 0.0812, 0.6865

Previews

White Background



This preview shows how the XYZ color 35.5073, 38.1054, 37.8314 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 35.5073, 38.1054, 37.8314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

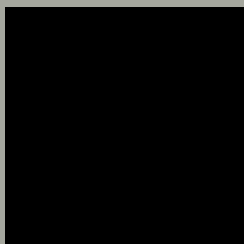
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5073, 38.1054, 37.8314

Background



This preview shows how black text looks on a background with the XYZ color 35.5073, 38.1054, 37.8314.



This preview shows how white text looks on a background with the XYZ color 35.5073, 38.1054,

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

35.5073, 38.1054, 37.8314

Protanopia

36.3355, 38.0025, 37.3184

Deuteranopia

38.5960, 37.8352, 38.0696



Tritanopia

37.3597, 38.0501, 46.9703

Trichromacy



Original Color

35.5073, 38.1054, 37.8314

Protanomaly

36.0842, 38.1418, 37.3585

Deuteranomaly

37.4867, 38.0447, 38.1685

Tritanomaly

36.6472, 38.0280, 43.4388

Monochromacy



Original Color

35.5073, 38.1054, 37.8314

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6749, 37.8804, 39.6138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5073, 38.1054, 37.8314 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, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(165, 167, 158)  
}
```

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, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 167, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.5073, 38.1054, 37.8314 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, 167, 158) }
```


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

```
.border{ border-color:rgb(165, 167, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 167, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 167, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 167,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5073, 38.1054, 37.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 167, 158) }
```

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

```
.background{ background-color: rgb(165,  
167, 158) }
```

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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