

Converting Colors

XYZ(35.4531, 38.4680, 38.0830)

Have a look what the booklet for
XYZ(35.4531, 38.4680, 38.0830)
contains.

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Color

**XYZ(35.2784, 38.2604,
37.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A89E
RGB	163, 168, 158
RGB Percent	64%, 66%, 62%
CMY	0.3608, 0.3412, 0.3804
CMYK	0.03, 0.00, 0.06, 0.34
HSL	90°, 5%, 64%
HSV	90°, 6%, 66%
XYZ	35.2784, 38.2604, 37.8734
YIQ	165.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

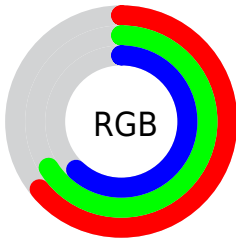
Format	Color
RYB	158, 168, 163
Decimal	10725534
CIELab	68.21, -3.65, 4.54
CIElCh	68, 5.826, 128.832
Yxy	38.2604, 0.3166, 0.3434
Android (android.graphics.Color)	4288915614 (0xFFA3A89E)
YUV	165.3650, -3.6309, -2.0741
Hunter-Lab	61.8550, -6.4405, 6.9956

Details

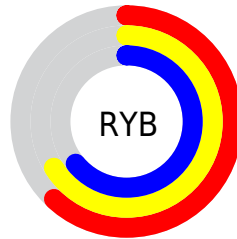
The XYZ color **35.2784, 38.2604, 37.8734** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4006, 35.0685, 42.0036**, and the grayscale version is **35.9571, 37.8297, 41.1965**.

A 20% lighter version of the original color is **67.3114, 72.4849, 73.3941**, and **15.4548, 16.9318, 16.3635** is the 20% darker color. If you saturate the color by 10%, you get **32.2665, 36.8646, 30.6927**, and if you desaturate by 10%, it is **38.6046, 39.7975, 46.1024**.

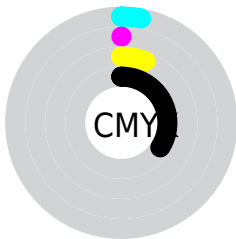
Distribution



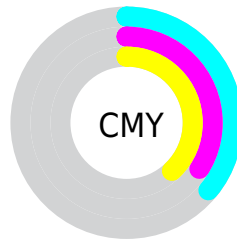
- Red (64%)
- Green (66%)
- Blue (62%)



- Red (62%)
- Yellow (66%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2784, 38.2604, 37.8734 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 35.2784, 38.2604, 37.8734 by changing the saturation by 10% instead.

■ 35.2784, 38.2604,
37.8734

■ 35.2784, 38.2604,
37.8734

317.2820,
338.7357, 352.3585

■ 24.0449, 26.1849,
25.5834

■ 67.2480, 72.5071,
73.1153

■ 15.4919, 16.9620,
16.2893

■ 88.7149, 95.4470,
96.9043

■ 9.2539, 10.2074,
9.5725

114.3236,
122.7772, 125.3633

■ 4.9656, 5.5367,
5.0146

144.4394,
154.8820, 158.9110

■ 2.2616, 2.5655,
2.1969

179.4279,
192.1459, 197.9658

■ 0.7749, 0.9093,
0.6726

219.6542,

■ 0.0000, 0.0000,

234.9532, 242.9463

0.0000

265.4838,
283.6883, 294.2710

■ 35.2784, 38.2604,
37.8734

■ 35.2784, 38.2604,
37.8734

■ 32.2665, 36.8646,
30.6927

■ 38.6046, 39.7975,
46.1024

■ 29.5554, 35.6009,
24.5158

■ 42.2514, 41.4752,
55.4170

■ 27.1355, 34.4664,
19.2985

■ 46.2293, 43.2989,
65.8555

■ 24.9952, 33.4561,
14.9926

■ 50.5469, 45.2725,
77.4538

■ 23.1222, 32.5649,
11.5454

■ 55.2128, 47.3995,
90.2460

■ 21.5030, 31.7871,
8.8991

■ 59.6165, 49.4361,
101.0077

■ 20.1226, 31.1163,
6.9887

■ 62.1241, 50.7288,
101.1251

■ 18.9641, 30.5455,
5.7388

■ 64.7601, 52.0877,
101.2484

■ 18.0056, 30.0657,
5.0495

■ 67.5260, 53.5136,
101.3779

Harmonies

Analogous

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



36.0972, 38.2604, 36.8976



35.2784, 38.2604, 37.8734



34.7568, 38.2604, 39.8743

Triad

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



35.2784, 38.2604, 37.8734



35.7367, 38.2604, 46.5127



38.1232, 38.2604, 40.8938

Complementary

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



35.2784, 38.2604, 37.8734



34.4006, 35.0685, 42.0036

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.



38.0228, 38.2604, 43.4963



35.2784, 38.2604, 37.8734



36.6349, 38.2604, 46.8135

Square

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



35.2784, 38.2604, 37.8734



35.0183, 38.2604, 44.8834



37.4744, 38.2604, 45.6890



37.7465, 38.2604, 38.5930

Rectangle

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



35.2784, 38.2604, 37.8734



34.6426, 38.2604, 41.5569



37.4744, 38.2604, 45.6890



38.1443, 38.2604, 41.7614

Sweetspot

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



35.2795, 38.2621, 37.8742



66.3114, 70.4896, 74.3429



35.4187, 36.9893, 37.6212



14.4680, 15.3706, 16.2406



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.



35.2795, 38.2621, 37.8742



63.3452, 69.1178, 67.0971



34.2759, 37.7447, 37.8273



7.9111, 8.6454, 8.3506



13.3922, 22.6012, 3.6566



0.3849, 0.5803, 0.0917

Inverse Universe

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



34.4006, 35.0685, 42.0036



61.4506, 62.2335, 75.9986



35.4447, 35.6068, 42.0524



7.6643, 7.7487, 9.5100



8.1598, 3.5900, 28.2384



0.2576, 0.1178, 0.6898

Previews

White Background



This preview shows how the XYZ color 35.2784, 38.2604, 37.8734 looks on a white background.

Color Contrast Check

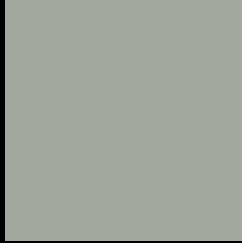
Large Text (above 18pt) WCAG AA × Fail

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 35.2784, 38.2604, 37.8734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

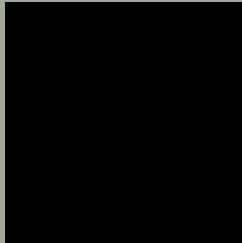
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

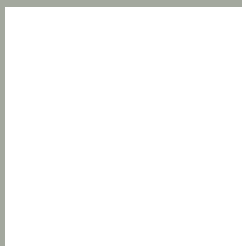
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2784, 38.2604, 37.8734

Background



This preview shows how black text looks on a background with the XYZ color 35.2784, 38.2604, 37.8734.



This preview shows how white text looks on a background with the XYZ color 35.2784, 38.2604,

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

35.2784, 38.2604, 37.8734

Protanopia

36.5166, 38.3647, 37.3788

Deuteranopia

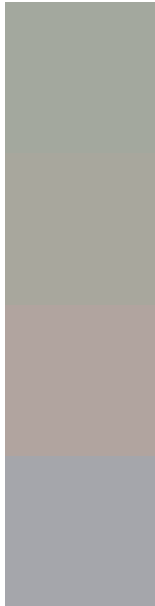
39.0105, 38.3072, 38.1388



Tritanopia

37.2169, 38.2316, 47.5374

Trichromacy



Original Color

35.2784, 38.2604, 37.8734

Protanomaly

36.0530, 38.3966, 37.4094

Deuteranomaly

37.6649, 38.4012, 38.2279

Tritanomaly

36.5040, 38.2120, 43.9798

Monochromacy



Original Color

35.2784, 38.2604, 37.8734

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4676, 37.7736, 39.6041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2784, 38.2604, 37.8734 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, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 168, 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(163, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 168, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.2784, 38.2604, 37.8734 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, 168, 158) }
```


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

```
.border{ border-color:rgb(163, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 168, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 168, 158); box-shadow:4px 4px 4px 4px rgb(163, 168, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2784, 38.2604, 37.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 168, 158) }
```

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

```
.background{ background-color: rgb(163,  
168, 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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