

Converting Colors

XYZ(38.0192, 39.9882, 37.8385)

Have a look what the booklet for
XYZ(38.0192, 39.9882, 37.8385)
contains.

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Color

**XYZ(38.0387, 39.9585,
38.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA99E
RGB	175, 169, 158
RGB Percent	69%, 66%, 62%
CMY	0.3137, 0.3372, 0.3804
CMYK	0.00, 0.03, 0.10, 0.31
HSL	39°, 10%, 65%
HSV	39°, 10%, 69%
XYZ	38.0387, 39.9585, 38.0557
YIQ	169.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

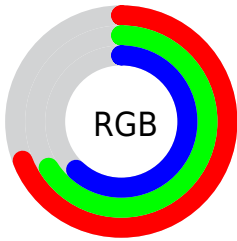
Format	Color
RYB	167, 175, 158
Decimal	11512222
CIELab	69.44, 0.19, 6.43
CIElCh	69, 6.433, 88.292
Yxy	39.9585, 0.3278, 0.3443
Android (android.graphics.Color)	4289702302 (0xFFAFA99E)
YUV	169.5400, -5.6892, 4.7884
Hunter-Lab	63.2127, -3.2087, 8.5548

Details

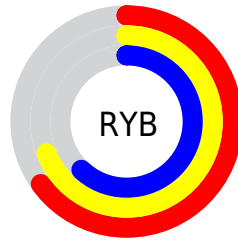
The XYZ color **38.0387, 39.9585, 38.0557** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1138, 36.9145, 45.8323**, and the grayscale version is **38.0054, 39.9847, 43.5433**.

A 20% lighter version of the original color is **71.6209, 75.1043, 73.6725**, and **17.1835, 17.9951, 16.4776** is the 20% darker color. If you saturate the color by 10%, you get **35.5173, 37.1568, 30.3052**, and if you desaturate by 10%, it is **40.8311, 42.9580, 46.9558**.

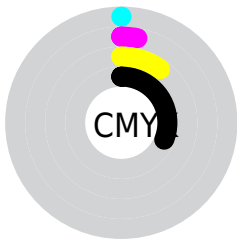
Distribution



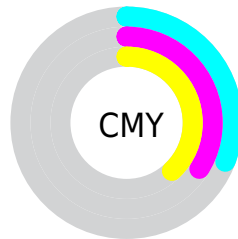
- Red (69%)
- Green (66%)
- Blue (62%)



- Red (65%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0387, 39.9585, 38.0557 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 38.0387, 39.9585, 38.0557 by changing the saturation by 10% instead.

■ 38.0387, 39.9585,
38.0557

■ 38.0387, 39.9585,
38.0557

329.0639,
345.9486, 353.1642

■ 26.1901, 27.5062,
25.7238

■ 71.4710, 75.1003,
73.3979

■ 17.0993, 17.9537,
16.3932

■ 93.7853, 98.5586,
97.2452

■ 10.4011, 10.9168,
9.6454

120.3190,
126.4544, 125.7680

■ 5.7300, 6.0109,
5.0620

151.4372,
159.1719, 159.3849

■ 2.7207, 2.8517,
2.2243

187.5055,
197.0958, 198.5145

■ 1.0078, 1.0548,
0.6883

228.8892,

■ 0.0000, 0.0000,

240.6102, 243.5752

0.0000

275.9535,
290.0997, 294.9856

■ 38.0387, 39.9585,
38.0557

■ 38.0387, 39.9585,
38.0557

■ 35.5173, 37.1568,
30.3052

■ 40.8311, 42.9580,
46.9558

■ 33.2538, 34.5426,
23.6540

■ 43.9004, 46.1548,
57.0479

■ 31.2389, 32.1122,
18.0519

■ 47.2564, 49.5554,
68.3754

■ 29.4615, 29.8599,
13.4435

■ 50.9075, 53.1641,
80.9786

■ 27.9092, 27.7795,
9.7686

■ 54.8615, 56.9854,
94.8961

■ 26.5687, 25.8645,
6.9603

■ 57.8109, 60.4971,
103.2379

■ 25.4247, 24.1073,
4.9425

■ 59.3267, 63.5288,
103.7432

■ 24.4594, 22.4995,
3.6260

■ 60.9016, 66.6786,
104.2681

■ 23.6372, 21.0254,
2.8269

■ 62.5362, 69.9477,
104.8130

Harmonies

Analogous

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



39.0350, 39.9585, 38.8368



38.0387, 39.9585, 38.0557



37.0438, 39.9585, 38.6795

Triad

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



38.0387, 39.9585, 38.0557



36.2537, 39.9585, 46.2659



39.6978, 39.9585, 46.5731

Complementary

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



38.0387, 39.9585, 38.0557



35.1138, 36.9145, 45.8323

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.



38.9305, 39.9585, 48.7225



38.0387, 39.9585, 38.0557



36.9429, 39.9585, 48.5395

Square

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



38.0387, 39.9585, 38.0557



36.0245, 39.9585, 43.3384



37.9201, 39.9585, 49.4577



40.0037, 39.9585, 43.6781

Rectangle

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



38.0387, 39.9585, 38.0557



36.5128, 39.9585, 39.8248



37.9201, 39.9585, 49.4577



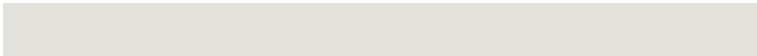
39.4846, 39.9585, 47.4116

Sweetspot

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



38.0398, 39.9603, 38.0566



71.4031, 75.1041, 78.5416



36.6285, 36.2570, 40.3009



15.7803, 16.5967, 17.1693



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.0398, 39.9603, 38.0566



66.9564, 70.2826, 64.5066



38.6766, 41.9828, 38.4134



8.4213, 8.8475, 8.4773



16.9705, 15.1466, 2.0291



0.5210, 0.5191, 0.0727

Inverse Universe

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



35.1138, 36.9145, 45.8323



60.4816, 63.5430, 81.7142



34.5159, 35.0506, 45.5041



7.8014, 8.2022, 10.1247



6.8176, 4.7691, 29.6057



0.2420, 0.2374, 0.8411

Previews

White Background



This preview shows how the XYZ color 38.0387, 39.9585, 38.0557 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 38.0387, 39.9585, 38.0557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

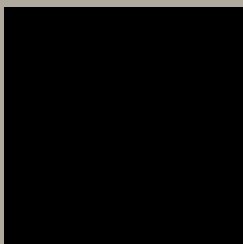
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

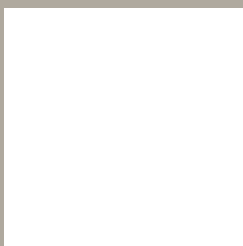
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0387, 39.9585, 38.0557

Background



This preview shows how black text looks on a background with the XYZ color 38.0387, 39.9585, 38.0557.



This preview shows how white text looks on a background with the XYZ color 38.0387, 39.9585,

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

38.0387, 39.9585, 38.0557

Protanopia

38.0387, 39.9585, 38.0557

Deuteranopia

40.7687, 40.0013, 38.3732



Tritanopia

40.1330, 39.9921, 48.2518

Trichromacy



Original Color

38.0387, 39.9585, 38.0557

Protanomaly

38.0387, 39.9585, 38.0557

Deuteranomaly

39.9018, 40.0899, 38.4360

Tritanomaly

39.3009, 39.9248, 44.1630

Monochromacy



Original Color

38.0387, 39.9585, 38.0557

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2709, 40.2733, 41.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0387, 39.9585, 38.0557 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(175, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 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(175, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.0387, 39.9585, 38.0557 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(175, 169, 158) }
```


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

```
.border{ border-color:rgb(175, 169, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0387, 39.9585, 38.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 158) }
```

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

```
.background{ background-color: rgb(175,  
169, 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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