

Converting Colors

XYZ(38.0804, 43.1471, 38.6706)

Have a look what the booklet for
XYZ(38.0804, 43.1471, 38.6706)
contains.

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Color

**XYZ(38.0099, 43.1105,
38.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B49E
RGB	165, 180, 158
RGB Percent	65%, 71%, 62%
CMY	0.3529, 0.2941, 0.3804
CMYK	0.08, 0.00, 0.12, 0.29
HSL	101°, 13%, 66%
HSV	101°, 12%, 71%
XYZ	38.0099, 43.1105, 38.6656
YIQ	173.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

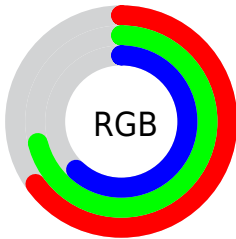
Format	Color
RYB	158, 180, 173
Decimal	10859678
CIELab	71.63, -9.34, 9.46
CIELCh	72, 13.292, 134.645
Yxy	43.1105, 0.3173, 0.3599
Android (android.graphics.Color)	4289049758 (0xFFA5B49E)
YUV	173.0070, -7.3985, -7.0221
Hunter-Lab	65.6586, -11.5685, 11.0458

Details

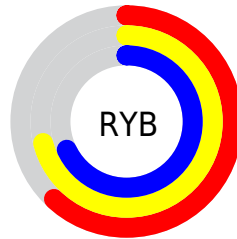
The XYZ color **38.0099, 43.1105, 38.6656** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7004, 36.6345, 48.2664**, and the grayscale version is **39.7623, 41.8330, 45.5562**.

A 20% lighter version of the original color is **71.5209, 80.0106, 74.6248**, and **17.0533, 19.7510, 16.8234** is the 20% darker color. If you saturate the color by 10%, you get **34.1412, 41.2835, 30.9804**, and if you desaturate by 10%, it is **42.3530, 45.1584, 47.5595**.

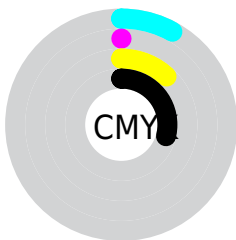
Distribution



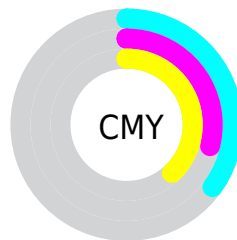
- Red (65%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0099, 43.1105, 38.6656 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 38.0099, 43.1105, 38.6656 by changing the saturation by 10% instead.

■ 38.0099, 43.1105,
38.6656

■ 38.0099, 43.1105,
38.6656

328.9426,
359.0660, 355.8501

■ 26.1676, 29.9718,
26.1939

■ 71.4271, 79.8776,
74.3419

■ 17.0824, 19.8172,
16.7417

■ 93.7328, 104.2748,
98.3835

■ 10.3889, 12.2622,
9.8905

120.2569,
133.1936, 127.1189

■ 5.7218, 6.9225,
5.2217

151.3649,
167.0185, 160.9664

■ 2.7157, 3.4137,
2.3169

187.4221,
206.1337, 200.3448

■ 1.0053, 1.3513,
0.7407

228.7939,

■ 0.0000, 0.1804,

250.9238, 245.6725

0.0000

275.8456,
301.7731, 297.3681

■ 0.0000, 0.0000,
0.0000

■ 38.0099, 43.1105,
38.6656

■ 38.0099, 43.1105,
38.6656

■ 34.1412, 41.2835,
30.9804

■ 42.3530, 45.1584,
47.5595

■ 30.7267, 39.6643,
24.4491

■ 47.1828, 47.4286,
57.7081

■ 27.7498, 38.2468,
19.0166

■ 52.5155, 49.9298,
69.1587

■ 25.1916, 37.0226,
14.6224

■ 58.3655, 52.6684,
81.9551

■ 23.0316, 35.9826,
11.2002

■ 64.7466, 55.6506,
96.1390

■ 21.2474, 35.1168,
8.6759

■ 69.8492, 58.1533,
102.1510

■ 19.8141, 34.4143,
6.9647

■ 74.1268, 60.3585,
102.3512

■ 18.7030, 33.8625,
5.9658

■ 75.6121, 61.1242,
102.4207

■ 18.0245, 33.5219,
5.5204

Harmonies

Analogous

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



39.8912, 43.1105, 35.9447



38.0099, 43.1105, 38.6656



36.9437, 43.1105, 43.7351

Triad

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



38.0099, 43.1105, 38.6656



39.8404, 43.1105, 59.9292



45.3048, 43.1105, 43.8768

Complementary

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



38.0099, 43.1105, 38.6656



37.7004, 36.6345, 48.2664

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.



45.2899, 43.1105, 50.2977



38.0099, 43.1105, 38.6656



42.0787, 43.1105, 59.9760

Square

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



38.0099, 43.1105, 38.6656



37.9738, 43.1105, 56.1954



44.0909, 43.1105, 56.3179



44.1308, 43.1105, 38.7611

Rectangle

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



38.0099, 43.1105, 38.6656



36.8130, 43.1105, 47.9504



44.0909, 43.1105, 56.3179



45.4400, 43.1105, 45.9439

Sweetspot

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



38.0111, 43.1124, 38.6665



75.2728, 81.1628, 83.0874



39.8754, 41.9332, 38.3407



16.1384, 17.4806, 17.6883



86.6293, 91.1408, 99.2523



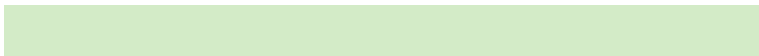
17.0014, 17.8868, 19.4787

Same Dimension

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



38.0111, 43.1124, 38.6665



66.7013, 77.1210, 65.6531



36.9151, 42.5104, 40.2879



8.6350, 9.6169, 9.0537



12.6421, 23.4273, 3.8556



0.4600, 0.7692, 0.1242

Inverse Universe

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



37.7004, 36.6345, 48.2664



66.0120, 62.7633, 86.9299



38.9204, 37.3060, 46.3989



8.5819, 8.5085, 10.6963



11.4967, 5.2626, 30.5468



0.4191, 0.1951, 0.9638

Previews

White Background



This preview shows how the XYZ color 38.0099, 43.1105, 38.6656 looks on a white background.

Color Contrast Check

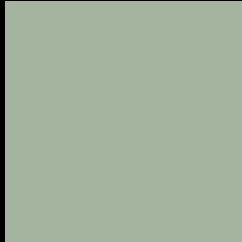
Large Text (above 18pt) WCAG AA × Fail

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 38.0099, 43.1105, 38.6656 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

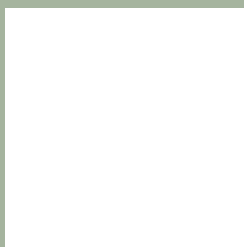
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0099, 43.1105, 38.6656

Background



This preview shows how black text looks on a background with the XYZ color 38.0099, 43.1105, 38.6656.



This preview shows how white text looks on a background with the XYZ color 38.0099, 43.1105,

38.6656.

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

38.0099, 43.1105, 38.6656

Protanopia

40.7748, 43.0938, 37.1792

Deuteranopia

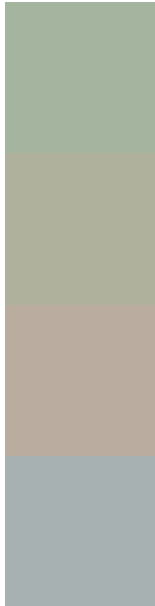
43.8218, 42.9198, 39.2324



Tritanopia

41.0928, 42.8801, 54.2550

Trichromacy



Original Color

38.0099, 43.1105, 38.6656

Protanomaly

39.6274, 43.0747, 37.6781

Deuteranomaly

41.4513, 42.8294, 38.8831

Tritanomaly

39.9065, 42.9835, 48.3128

Monochromacy



Original Color

38.0099, 43.1105, 38.6656

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1708, 42.4239, 43.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0099, 43.1105, 38.6656 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, 180, 158)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 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, 180, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.0099, 43.1105, 38.6656 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, 180, 158) }
```


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

```
.border{ border-color:rgb(165, 180, 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, 180, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0099, 43.1105, 38.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 158) }
```

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

```
.background{ background-color: rgb(165,  
180, 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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