

Converting Colors

XYZ(38.0210, 43.3771, 38.1913)

Have a look what the booklet for
XYZ(38.0210, 43.3771, 38.1913)
contains.

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Color

**XYZ(38.1267, 43.4814,
38.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B59D
RGB	165, 181, 157
RGB Percent	65%, 71%, 62%
CMY	0.3529, 0.2902, 0.3843
CMYK	0.09, 0.00, 0.13, 0.29
HSL	100°, 14%, 66%
HSV	100°, 13%, 71%
XYZ	38.1267, 43.4814, 38.2815
YIQ	173.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

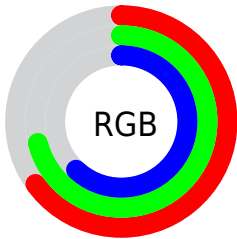
Format	Color
RYB	157, 181, 173
Decimal	10859933
CIELab	71.88, -10.04, 10.36
CIELCh	72, 14.429, 134.113
Yxy	43.4814, 0.3180, 0.3627
Android (android.graphics.Color)	4289050013 (0xFFA5B59D)
YUV	173.4800, -8.1246, -7.4370
Hunter-Lab	65.9404, -12.1872, 11.7377

Details

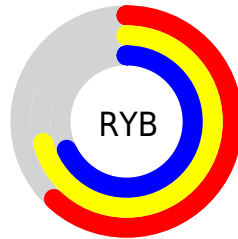
The XYZ color **38.1267, 43.4814, 38.2815** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6328, 36.3356, 48.7484**, and the grayscale version is **40.0075, 42.0910, 45.8371**.

A 20% lighter version of the original color is **71.6831, 80.5375, 74.0545**, and **17.1307, 19.9897, 16.5912** is the 20% darker color. If you saturate the color by 10%, you get **34.3019, 41.6764, 30.6246**, and if you desaturate by 10%, it is **42.4198, 45.5038, 47.1572**.

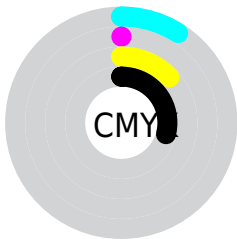
Distribution



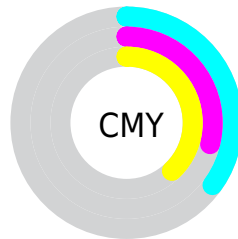
- Red (65%)
- Green (71%)
- Blue (62%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1267, 43.4814, 38.2815 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 38.1267, 43.4814, 38.2815 by changing the saturation by 10% instead.


 38.1267, 43.4814,
38.2815


 38.1267, 43.4814,
38.2815


329.4346,
360.5878, 354.1603

 26.2587, 30.2630,
25.8977


 71.6049, 80.4368,
73.7476

 17.1510, 20.0383,
16.5221


 93.9459, 104.9426,
97.6670

 10.4382, 12.4229,
9.7360


120.5085,
133.9797, 126.2687

 5.7549, 7.0324,
5.1210

151.6582,
167.9324, 159.9712

 2.7359, 3.4824,
2.2584

187.7603,
207.1852, 199.1931

 1.0157, 1.3884,
0.7078

229.1802,

 0.0000, 0.2082,

252.1224, 244.3529

0.0000

276.2832,
303.1285, 295.8691

0.0000, 0.0000,
0.0000

38.1267, 43.4814,
38.2815

38.1267, 43.4814,
38.2815

34.3019, 41.6764,
30.6246

42.4198, 45.5038,
47.1572

30.9252, 40.0759,
24.1306

47.1932, 47.7451,
57.2988

27.9803, 38.6740,
18.7433

52.4632, 50.2138,
68.7542

25.4483, 37.4621,
14.4008

58.2438, 52.9162,
81.5682

23.3088, 36.4315,
11.0352

64.5489, 55.8585,
95.7833

■ 21.5395, 35.5721,
8.5705

■ 69.6366, 58.3446,
102.1991

■ 20.1156, 34.8731,
6.9194

■ 73.8121, 60.4971,
102.3945

■ 19.0082, 34.3219,
5.9772

■ 75.8147, 61.5295,
102.4882

■ 18.4078, 34.0202,
5.5964

Harmonies

Analogous

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



40.1868, 43.4814, 35.4004



38.1267, 43.4814, 38.2815



36.9497, 43.4814, 43.7369

Triad

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



38.1267, 43.4814, 38.2815



40.0483, 43.4814, 61.5811



46.0794, 43.4814, 44.1218

Complementary

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



38.1267, 43.4814, 38.2815



37.6328, 36.3356, 48.7484

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.



46.0387, 43.4814, 51.1438



38.1267, 43.4814, 38.2815



42.4901, 43.4814, 61.7103

Square

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



38.1267, 43.4814, 38.2815



38.0288, 43.4814, 57.3968



44.7032, 43.4814, 57.7342



44.8122, 43.4814, 38.5391

Rectangle

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



38.1267, 43.4814, 38.2815



36.7938, 43.4814, 48.3206



44.7032, 43.4814, 57.7342



46.2197, 43.4814, 46.3804

Sweetspot

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



38.1279, 43.4833, 38.2824



75.3180, 81.1861, 83.0896



40.0872, 42.1470, 37.9213



16.1499, 17.4865, 17.6889



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.



38.1279, 43.4833, 38.2824



66.1364, 76.8612, 64.2117



36.8628, 42.7910, 40.0357



8.6470, 9.6231, 9.0542



12.7560, 23.4860, 3.8609



0.4648, 0.7717, 0.1245

Inverse Universe

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



37.6328, 36.3356, 48.7484



65.0703, 61.4805, 86.7320



39.0504, 37.1131, 46.7023



8.5694, 8.5020, 10.6957



11.2304, 5.1253, 30.5344



0.4121, 0.1916, 0.9635

Previews

White Background



This preview shows how the XYZ color 38.1267, 43.4814, 38.2815 looks on a white background.

Color Contrast Check

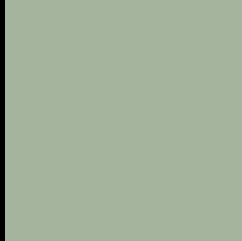
Large Text (above 18pt) WCAG AA × Fail

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 38.1267, 43.4814, 38.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

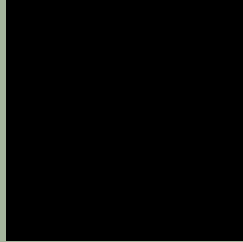
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1267, 43.4814, 38.2815

Background



This preview shows how black text looks on a background with the XYZ color 38.1267, 43.4814, 38.2815.



This preview shows how white text looks on a background with the XYZ color 38.1267, 43.4814,

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

38.1267, 43.4814, 38.2815

Protanopia

40.9299, 43.1834, 36.7498

Deuteranopia

44.1859, 43.3948, 38.8481



Tritanopia

41.3972, 43.3144, 54.8939

Trichromacy



Original Color

38.1267, 43.4814, 38.2815

Protanomaly

39.7700, 43.1580, 37.2446

Deuteranomaly

41.8011, 43.3055, 38.5034

Tritanomaly

40.1047, 43.3800, 48.3789

Monochromacy



Original Color

38.1267, 43.4814, 38.2815

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0779, 42.3867, 42.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1267, 43.4814, 38.2815 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, 181, 157) looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 157)  
}
```

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, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 157) }
```

Border

The CSS property to change the border of an element to XYZ 38.1267, 43.4814, 38.2815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

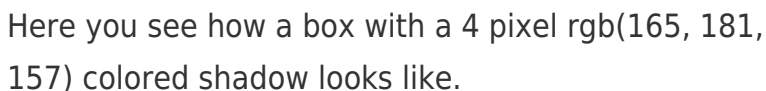
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 181, 157) }
```


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

```
.border{ border-color:rgb(165, 181, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 181, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 181, 157); box-shadow:4px 4px 4px 4px rgb(165, 181, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1267, 43.4814, 38.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 157) }
```

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

```
.background{ background-color: rgb(165,  
181, 157) }
```

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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