

Converting Colors

XYZ(31.8044, 38.8565, 35.1306)

Have a look what the booklet for
XYZ(31.8044, 38.8565, 35.1306)
contains.

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Color

**XYZ(31.7587, 38.7740,
35.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB097
RGB	139, 176, 151
RGB Percent	55%, 69%, 59%
CMY	0.4549, 0.3098, 0.4078
CMYK	0.21, 0.00, 0.14, 0.31
HSL	139°, 19%, 62%
HSV	139°, 21%, 69%
XYZ	31.7587, 38.7740, 35.0884
YIQ	162.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

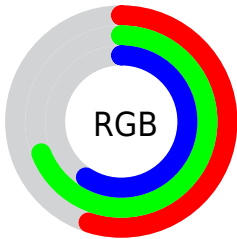
Format	Color
R _{YB}	139, 167, 176
Decimal	9154711
CIE _{Lab}	68.59, -17.64, 8.72
CIE _{LCh}	69, 19.679, 153.694
Y _{xy}	38.7740, 0.3007, 0.3671
Android (android.graphics.Color)	4287344791 (0xFF8BB097)
Y _{UV}	162.0870, -5.4659, -20.2473
Hunter-Lab	62.2688, -17.9307, 10.1783

Details

The XYZ color **31.7587, 38.7740, 35.0884** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.8393, 30.3766, 39.2034**, and the grayscale version is **34.4138, 36.2060, 39.4283**.

A 20% lighter version of the original color is **61.8684, 73.4585, 68.6757**, and **13.4077, 17.1607, 14.6623** is the 20% darker color. If you saturate the color by 10%, you get **28.1357, 37.0134, 30.1292**, and if you desaturate by 10%, it is **35.9544, 40.8208, 40.5847**.

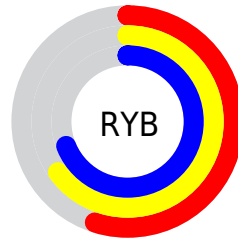
Distribution



Red (55%)

Green (69%)

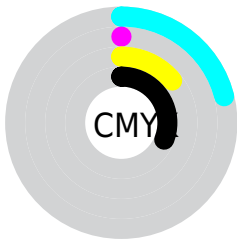
Blue (59%)



Red (55%)

Yellow (65%)

Blue (69%)

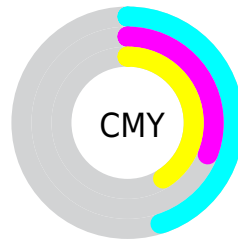


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (45%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7587, 38.7740, 35.0884 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 31.7587, 38.7740, 35.0884 by changing the saturation by 10% instead.


 31.7587, 38.7740,
35.0884


 31.7587, 38.7740,
35.0884


301.7834,
340.9287, 339.8745


 21.3319, 26.5840,
23.4469


 61.8004, 73.2929,
68.7758

 13.4807, 17.2610,
14.7154


 82.1460, 96.3906,
91.6588

 7.8396, 10.4208,
8.4755


 106.5285,
123.8930, 119.1260

 4.0434, 5.6788,
4.3086

135.3134,
156.1844, 151.5960

 1.7267, 2.6508,
1.7961

168.8660,
193.6493, 189.4873

 0.4729, 0.9523,
0.4254

207.5516,

 0.0000, 0.0000,

236.6720, 233.2184

0.0000

251.7357,
285.6370, 283.2080

■ 31.7587, 38.7740,
35.0884

■ 31.7587, 38.7740,
35.0884

■ 28.1357, 37.0134,
30.1292

■ 35.9544, 40.8208,
40.5847

■ 25.0567, 35.5212,
25.6884

■ 40.7436, 43.1608,
46.6309

■ 22.4955, 34.2854,
21.7497

■ 46.1496, 45.8069,
53.2429

■ 20.4219, 33.2907,
18.2952

■ 52.1937, 48.7699,
60.4348

■ 18.8030, 32.5206,
15.3060

■ 58.8963, 52.0598,
68.2205

■ 17.6011, 31.9561,
12.7616

■ 66.2767, 55.6864,
76.6132

■ 16.7722, 31.5749,
10.6401

■ 71.6531, 58.2670,
85.4995

■ 16.2666, 31.3483,
9.0747

■ 73.4223, 58.9746,
94.8159

■ 74.8161, 59.5321,
102.1554

Harmonies

Analogous

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



33.6411, 38.7740, 29.5356



31.7587, 38.7740, 35.0884



31.2135, 38.7740, 43.3291

Triad

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



31.7587, 38.7740, 35.0884



37.2394, 38.7740, 61.6728



42.0448, 38.7740, 33.4292

Complementary

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



31.7587, 38.7740, 35.0884



33.8393, 30.3766, 39.2034

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.



43.1351, 38.7740, 41.1267



31.7587, 38.7740, 35.0884



40.2642, 38.7740, 58.0938

Square

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



31.7587, 38.7740, 35.0884



34.2717, 38.7740, 59.4668



42.4660, 38.7740, 50.2540



39.5618, 38.7740, 28.6763

Rectangle

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



31.7587, 38.7740, 35.0884



31.6547, 38.7740, 49.4653



42.4660, 38.7740, 50.2540



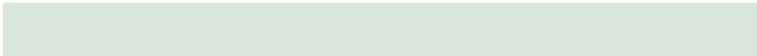
42.5925, 38.7740, 35.7161

Sweetspot

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



31.7598, 38.7756, 35.0893



69.3413, 76.0512, 78.8708



35.5554, 40.8393, 30.4354



14.9095, 16.4239, 16.9435



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.



31.7598, 38.7756, 35.0893



54.5731, 68.8503, 59.5489



33.3558, 39.4141, 43.4941



8.4988, 9.5340, 9.6204



11.9588, 23.0095, 6.7857



0.4037, 0.7350, 0.3581

Inverse Universe

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



33.8393, 30.3766, 39.2034



58.9937, 50.9908, 68.2906



32.3097, 29.7648, 31.1488



8.7305, 8.5989, 10.0790



15.6042, 7.7593, 13.6078



0.5163, 0.2543, 0.5617

Previews

White Background



This preview shows how the XYZ color 31.7587, 38.7740, 35.0884 looks on a white background.

Color Contrast Check

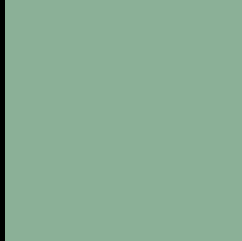
Large Text (above 18pt) WCAG AA × Fail

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 31.7587, 38.7740, 35.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

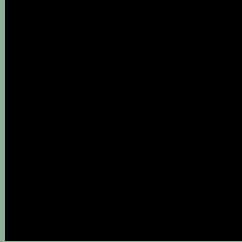
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7587, 38.7740, 35.0884

Background



This preview shows how black text looks on a background with the XYZ color 31.7587, 38.7740, 35.0884.



This preview shows how white text looks on a background with the XYZ color 31.7587, 38.7740,

35.0884.

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

31.7587, 38.7740, 35.0884

Protanopia

36.5037, 38.4617, 32.6940

Deuteranopia

39.3166, 38.5142, 35.9336



Tritanopia

34.9969, 38.6483, 51.5143

Trichromacy



Original Color

31.7587, 38.7740, 35.0884

Protanomaly

34.6203, 38.5690, 33.6368

Deuteranomaly

35.9636, 38.1184, 35.5991

Tritanomaly

33.8141, 38.7439, 45.2313

Monochromacy



Original Color

31.7587, 38.7740, 35.0884

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.3167, 36.9761, 37.7289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7587, 38.7740, 35.0884 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(139, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 151)  
}
```

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(139, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 151) }
```

Border

The CSS property to change the border of an element to XYZ 31.7587, 38.7740, 35.0884 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(139, 176, 151) }
```


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

```
.border{ border-color:rgb(139, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7587, 38.7740, 35.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 151) }
```

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

```
.background{ background-color: rgb(139,  
176, 151) }
```

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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