

Converting Colors

XYZ(31.0629, 38.2905, 39.3202)

Have a look what the booklet for
XYZ(31.0629, 38.2905, 39.3202)
contains.

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Color

**XYZ(31.1643, 38.3697,
39.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	82B0A1
RGB	130, 176, 161
RGB Percent	51%, 69%, 63%
CMY	0.4902, 0.3098, 0.3686
CMYK	0.26, 0.00, 0.09, 0.31
HSL	160°, 23%, 60%
HSV	160°, 26%, 69%
XYZ	31.1643, 38.3697, 39.4818
YIQ	160.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

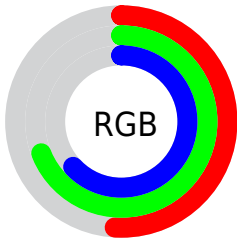
Format	Color
RYB	130, 157, 176
Decimal	8564897
CIELab	68.29, -18.55, 2.71
CIElCh	68, 18.745, 171.678
Yxy	38.3697, 0.2859, 0.3520
Android (android.graphics.Color)	4286754977 (0xFF82B0A1)
YUV	160.5360, 0.2288, -26.7801
Hunter-Lab	61.9433, -18.5956, 5.5697

Details

The XYZ color **31.1643, 38.3697, 39.4818** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9993, 27.2407, 30.4138**, and the grayscale version is **33.6685, 35.4219, 38.5744**.

A 20% lighter version of the original color is **61.0184, 72.8614, 75.8134**, and **13.1219, 16.9540, 17.3327** is the 20% darker color. If you saturate the color by 10%, you get **28.1977, 36.8985, 36.7616**, and if you desaturate by 10%, it is **34.6181, 40.0914, 42.3478**.

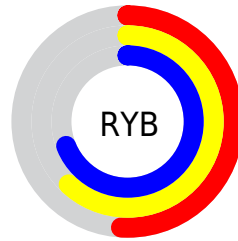
Distribution



Red (51%)

Green (69%)

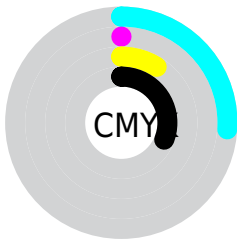
Blue (63%)



Red (51%)

Yellow (62%)

Blue (69%)

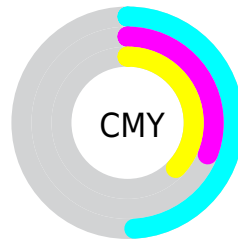


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1643, 38.3697, 39.4818 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 31.1643, 38.3697, 39.4818 by changing the saturation by 10% instead.

■ 31.1643, 38.3697,
39.4818

■ 31.1643, 38.3697,
39.4818

299.1079,
339.2032, 359.4215

■ 20.8764, 26.2697,
26.8240

■ 60.8727, 72.6744,
75.6022

■ 13.1457, 17.0256,
17.2098

■ 81.0240, 95.6480,
99.9019

■ 7.6066, 10.2527,
10.2207

■ 105.1938,
123.0149, 128.9194

■ 3.8939, 5.5668,
5.4380

133.7475,
155.1596, 163.0731

■ 1.6423, 2.5835,
2.4433

167.0504,
192.4663, 202.7816

■ 0.4197, 0.9184,
0.8099

205.4678,

■ 0.0000, 0.0000,

235.3196, 248.4635

0.0000

249.3652,
284.1038, 300.5373

■ 31.1643, 38.3697,
39.4818

■ 31.1643, 38.3697,
39.4818

■ 28.1977, 36.8985,
36.7616

■ 34.6181, 40.0914,
42.3478

■ 25.6913, 35.6609,
34.1818

■ 38.5779, 42.0702,
45.3595

■ 23.6202, 34.6451,
31.7405

■ 43.0657, 44.3184,
48.5204

■ 21.9559, 33.8365,
29.4346

■ 48.1009, 46.8461,
51.8329

■ 20.6664, 33.2185,
27.2609

■ 53.7021, 49.6627,
55.2993

■ 19.7146, 32.7721,
25.2160

■ 59.8870, 52.7773,
58.9219

■ 19.0514, 32.4720,
23.2957

■ 66.6723, 56.1986,
62.7031

■ 18.8321, 32.3745,
22.5850

■ 68.0188, 56.8131,
66.3614

■ 68.7331, 57.0989,
70.1234

Harmonies

Analogous

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



32.2176, 38.3697, 32.5344



31.1643, 38.3697, 39.4818



31.4713, 38.3697, 48.0387

Triad

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



31.1643, 38.3697, 39.4818



38.5943, 38.3697, 58.6731



40.0825, 38.3697, 30.3354

Complementary

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



31.1643, 38.3697, 39.4818



30.9993, 27.2407, 30.4138

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.



41.9702, 38.3697, 36.0865



31.1643, 38.3697, 39.4818



41.0794, 38.3697, 52.6252

Square

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



31.1643, 38.3697, 39.4818



35.6584, 38.3697, 59.9020



42.3444, 38.3697, 44.1617



37.2923, 38.3697, 27.7370

Rectangle

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



31.1643, 38.3697, 39.4818



32.4137, 38.3697, 53.4758



42.3444, 38.3697, 44.1617



40.8497, 38.3697, 31.9242

Sweetspot

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



31.1654, 38.3713, 39.4827



68.4505, 75.5407, 81.1479



31.2917, 38.7141, 26.9431



14.5971, 16.2522, 17.4088



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.



31.1654, 38.3713, 39.4827



53.5052, 68.0916, 68.9055



31.1079, 36.0104, 46.3873



8.6224, 9.5835, 10.2713



13.8446, 23.7638, 16.7164



0.4610, 0.7579, 0.6599

Inverse Universe

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



30.9993, 27.2407, 30.4138



53.1582, 44.6745, 49.8376



30.9757, 28.9243, 25.0701



8.6068, 8.5494, 9.4280



13.7104, 7.0017, 3.6348



0.4589, 0.2313, 0.2593

Previews

White Background



This preview shows how the XYZ color 31.1643, 38.3697, 39.4818 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 31.1643, 38.3697, 39.4818 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 31.1643, 38.3697, 39.4818

Background



This preview shows how black text looks on a background with the XYZ color 31.1643, 38.3697, 39.4818.



This preview shows how white text looks on a background with the XYZ color 31.1643, 38.3697,

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

31.1643, 38.3697, 39.4818

Protanopia

36.1661, 37.9348, 36.4263

Deuteranopia

38.9741, 38.2374, 40.4483



Tritanopia

33.6071, 38.2011, 52.0566

Trichromacy



Original Color

31.1643, 38.3697, 39.4818

Protanomaly

33.9841, 37.8782, 37.4184

Deuteranomaly

35.5569, 37.8093, 40.0742

Tritanomaly

32.5522, 38.0480, 47.2233

Monochromacy



Original Color

31.1643, 38.3697, 39.4818

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.6469, 36.3297, 39.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1643, 38.3697, 39.4818 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(130, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 161)  
}
```

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(130, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 31.1643, 38.3697, 39.4818 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(130, 176, 161) }
```


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

```
.border{ border-color:rgb(130, 176, 161) }
```

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

Here you see how a box with a 4 pixel rgb(130, 176, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1643, 38.3697, 39.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 161) }
```

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

```
.background{ background-color: rgb(130,  
176, 161) }
```

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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