

Converting Colors

XYZ(30.1926, 39.4093, 39.1888)

Have a look what the booklet for
XYZ(30.1926, 39.4093, 39.1888)
contains.

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Color

**XYZ(30.2052, 39.3677,
39.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	75B5A0
RGB	117, 181, 160
RGB Percent	46%, 71%, 63%
CMY	0.5412, 0.2902, 0.3725
CMYK	0.35, 0.00, 0.12, 0.29
HSL	160°, 30%, 58%
HSV	160°, 35%, 71%
XYZ	30.2052, 39.3677, 39.2645
YIQ	159.4700, -31.4030, -20.0990

Conversions

Conversions Part 2

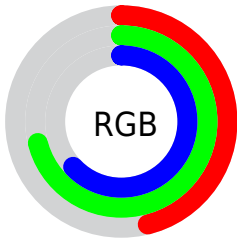
Format	Color
RYB	117, 155, 181
Decimal	7714208
CIELab	69.02, -25.24, 4.22
CIElCh	69, 25.596, 170.500
Yxy	39.3677, 0.2775, 0.3617
Android (android.graphics.Color)	4285904288 (0xFF75B5A0)
YUV	159.4700, 0.2613, -37.2462
Hunter-Lab	62.7437, -23.8704, 6.8174

Details

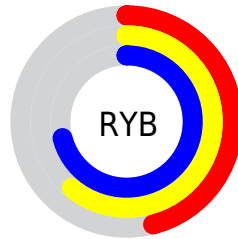
The XYZ color **30.2052, 39.3677, 39.2645** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0062, 24.3824, 27.1712**, and the grayscale version is **33.1800, 34.9079, 38.0147**.

A 20% lighter version of the original color is **59.3445, 74.1326, 75.4712**, and **12.6595, 17.6663, 17.2107** is the 20% darker color. If you saturate the color by 10%, you get **27.4974, 38.0314, 36.4904**, and if you desaturate by 10%, it is **33.4103, 40.9595, 42.1932**.

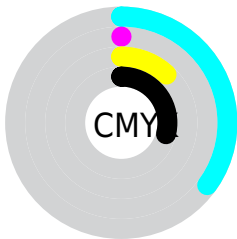
Distribution



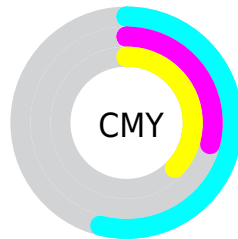
- Red (46%)
- Green (71%)
- Blue (63%)



- Red (46%)
- Yellow (61%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (54%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2052, 39.3677, 39.2645 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 30.2052, 39.3677, 39.2645 by changing the saturation by 10% instead.


 30.2052, 39.3677,
39.2645


 30.2052, 39.3677,
39.2645


294.7525,
343.4513, 358.4732


 20.1432, 27.0459,
26.6561


 59.3709, 74.1997,
75.2670

 12.6081, 17.6077,
17.0850


 79.2054, 97.4787,
99.4982

 7.2344, 10.6687,
10.1325


 103.0281,
125.1789, 128.4408

 3.6567, 5.8445,
5.3802

131.2044,
157.6846, 162.5133

 1.5098, 2.7508,
2.4094

164.0997,
195.3803, 202.1343

 0.3325, 1.0030,
0.7915

202.0792,

 0.0000, 0.0000,

238.6504, 247.7222

0.0000

245.5083,
287.8793, 299.6957

■ 30.2052, 39.3677,
39.2645

■ 30.2052, 39.3677,
39.2645

■ 27.4974, 38.0314,
36.4904

■ 33.4103, 40.9595,
42.1932

■ 25.2559, 36.9317,
33.8652

■ 37.1347, 42.8152,
45.2766

■ 23.4517, 36.0545,
31.3864


■ 41.4032, 44.9483,
48.5187


■ 22.0505, 35.3825,
29.0506


■ 46.2377, 47.3703,
51.9220


■ 21.0131, 34.8952,
26.8540


■ 51.6592, 50.0918,
55.4892


 20.2909, 34.5678,
24.7925

 57.6875, 53.1231,
59.2228

 20.0131, 34.4445,
23.8787

 64.3413, 56.4738,
63.1254

 69.0905, 58.8395,
67.0800

 69.8330, 59.1365,
70.9899

Harmonies

Analogous

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



31.6880, 39.3677, 30.1094



30.2052, 39.3677, 39.2645



30.5437, 39.3677, 51.2195

Triad

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



30.2052, 39.3677, 39.2645



40.2314, 39.3677, 67.5254



42.6299, 39.3677, 27.7676

Complementary

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



30.2052, 39.3677, 39.2645



30.0062, 24.3824, 27.1712

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.



45.2529, 39.3677, 35.4718



30.2052, 39.3677, 39.2645



43.7998, 39.3677, 58.7929

Square

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



30.2052, 39.3677, 39.2645



36.1386, 39.3677, 69.0450



45.6959, 39.3677, 46.6786



38.7268, 39.3677, 24.3130

Rectangle

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



30.2052, 39.3677, 39.2645



31.7668, 39.3677, 59.1646



45.6959, 39.3677, 46.6786



43.7021, 39.3677, 29.8726

Sweetspot

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



30.2063, 39.3693, 39.2654



69.5757, 78.2114, 83.4756



30.2725, 39.7655, 22.9104



14.8227, 16.7968, 17.8767



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.



30.2063, 39.3693, 39.2654



50.4506, 68.7047, 66.6452



30.1152, 35.9942, 49.0782



8.6217, 9.5832, 10.2674



13.8290, 23.7576, 16.6344



0.4606, 0.7577, 0.6577

Inverse Universe

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



30.0062, 24.3824, 27.1712



50.0481, 38.0638, 41.9513



29.9440, 26.4608, 20.3596



8.6075, 8.5497, 9.4317



13.7171, 7.0044, 3.6701



0.4592, 0.2314, 0.2608

Previews

White Background



This preview shows how the XYZ color 30.2052, 39.3677, 39.2645 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 30.2052, 39.3677, 39.2645 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

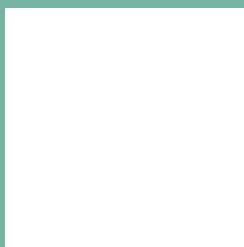
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2052, 39.3677, 39.2645

Background



This preview shows how black text looks on a background with the XYZ color 30.2052, 39.3677, 39.2645.



This preview shows how white text looks on a background with the XYZ color 30.2052, 39.3677,

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

30.2052, 39.3677, 39.2645

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.6288, 38.8353, 40.5293



Tritanopia

33.4383, 39.4910, 55.1503

Trichromacy



Original Color

30.2052, 39.3677, 39.2645

Protanomaly

33.8901, 38.6777, 37.1318

Deuteranomaly

35.2960, 38.4939, 40.2201

Tritanomaly

32.0438, 39.2010, 49.0577

Monochromacy



Original Color

30.2052, 39.3677, 39.2645

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.5783, 36.0699, 38.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2052, 39.3677, 39.2645 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(117, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(117, 181, 160)  
}
```

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(117, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 181, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.2052, 39.3677, 39.2645 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(117, 181, 160) }
```


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

```
.border{ border-color:rgb(117, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(117, 181,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2052, 39.3677, 39.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 181, 160) }
```

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

```
.background{ background-color: rgb(117,  
181, 160) }
```

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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