

Converting Colors

XYZ(6.7971, 11.2350, 9.5390)

Have a look what the booklet for
XYZ(6.7971, 11.2350, 9.5390)
contains.

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Color

**XYZ(6.8478, 11.3192,
9.6085)**

Conversions

Conversions Part 1

Format	Color
Hex	006C51
RGB	0, 108, 81
RGB Percent	0%, 42%, 32%
CMY	1.0000, 0.5765, 0.6823
CMYK	1.00, 0.00, 0.25, 0.58
HSL	165°, 100%, 21%
HSV	165°, 100%, 42%
XYZ	6.8478, 11.3192, 9.6085
YIQ	72.6300, -55.7010, -31.2930

Conversions

Conversions Part 2

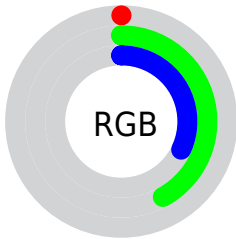
Format	Color
RYB	0, 62, 108
Decimal	27729
CIELab	40.11, -33.81, 7.70
CIELCh	40, 34.680, 167.164
Yxy	11.3192, 0.2465, 0.4075
Android (android.graphics.Color)	4278217809 (0xFF006C51)
YUV	72.6300, 4.1264, -63.6965
Hunter-Lab	33.6440, -22.5457, 6.6180

Details

The XYZ color **6.8478, 11.3192, 9.6085** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6.3826, 3.2677, 1.3319**, and the grayscale version is **6.2691, 6.5956, 7.1826**.

A 20% lighter version of the original color is **19.2726, 28.1310, 25.5332**, and **1.8824, 3.2553, 2.1982** is the 20% darker color. If you saturate the color by 10%, you get **6.8479, 11.3195, 9.6083**, and if you desaturate by 10%, it is **7.0868, 11.4308, 10.1592**.

Distribution



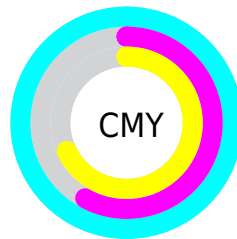
- Red (0%)
- Green (42%)
- Blue (32%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)





- Cyan (100%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.8478, 11.3192, 9.6085 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 6.8478, 11.3192, 9.6085 by changing the saturation by 10% instead.


 6.8478, 11.3192,
9.6085


 6.8478, 11.3192,
9.6085


160.9654,
199.8446, 198.2368


 3.4126, 6.2820,
5.0380


 19.3741, 28.2489,
25.6527


 1.3755, 3.0173,
2.2104

 29.1959, 40.9102,
37.9634


 0.2387, 1.1408,
0.6804

 41.8773, 56.8816,
53.6913

 0.0000, 0.0125,
0.0000


 57.7837, 76.5476,
73.2548


 0.0000, 0.0000,
0.0000


 77.2803, 100.2924,
97.0726


 100.7325,


128.5006, 125.5632


 128.5058,
161.5565, 159.1451


 6.8478, 11.3192,
9.6085


 6.8478, 11.3192,
9.6085


 6.8479, 11.3195,
9.6083

 7.0868, 11.4308,
10.1592

 7.3810, 11.5700,
10.7334

 7.7787, 11.7622,
11.3340

 8.2910, 12.0129,
11.9617

 8.9277, 12.3273,
12.6172

■ 9.6974, 12.7097,
13.3011

■ 10.6080, 13.1643,
14.0139

■ 11.6668, 13.6948,
14.7563

■ 12.8805, 14.3047,
15.5288

Harmonies

Analogous

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



7.7093, 11.3192, 5.3312



6.8478, 11.3192, 9.6085



6.9150, 11.3192, 16.6643

Triad

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



6.8478, 11.3192, 9.6085



12.1829, 11.3192, 29.8205



14.2217, 11.3192, 4.9366

Complementary

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



6.8478, 11.3192, 9.6085



6.3826, 3.2677, 1.3319

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.



15.8137, 11.3192, 8.8126



6.8478, 11.3192, 9.6085



14.5215, 11.3192, 23.7105

Square

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



6.8478, 11.3192, 9.6085



9.7628, 11.3192, 30.2898



15.9309, 11.3192, 15.5098



11.8198, 11.3192, 3.3924

Rectangle

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



6.8478, 11.3192, 9.6085



7.4760, 11.3192, 22.1902



15.9309, 11.3192, 15.5098



14.8840, 11.3192, 5.9268

Sweetspot

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



6.8481, 11.3196, 9.6088



18.4817, 23.0402, 24.4974



5.8641, 10.9839, 1.8113



4.3452, 5.5127, 5.8320



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



6.8481, 11.3196, 9.6088



11.9739, 19.8530, 16.6151



5.7852, 7.2393, 15.2802



3.1511, 3.4796, 3.7794



8.1566, 13.4967, 11.4017



41.2011, 68.6275, 56.1994

Inverse Universe

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



6.3826, 3.2677, 1.3319



11.1618, 5.7189, 2.1108



6.5367, 3.8925, 0.4071



3.1279, 3.1281, 3.4041



7.6023, 3.8931, 1.5345



38.4343, 19.7157, 6.2238

Previews

White Background



This preview shows how the XYZ color 6.8478, 11.3192, 9.6085 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 6.8478, 11.3192, 9.6085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 6.8478, 11.3192, 9.6085

Background



This preview shows how black text looks on a background with the XYZ color 6.8478, 11.3192, 9.6085.



This preview shows how white text looks on a background with the XYZ color 6.8478, 11.3192,

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

6.8478, 11.3192, 9.6085

Protanopia

10.4943, 11.2091, 8.0890

Deuteranopia

11.4442, 11.2638, 10.1653



Tritanopia

8.5681, 11.4278, 17.0834

Trichromacy



Original Color

6.8478, 11.3192, 9.6085

Protanomaly

7.9157, 10.5495, 8.6402

Deuteranomaly

8.2588, 10.4184, 9.9632

Tritanomaly

7.7314, 11.2133, 14.0688

Monochromacy



Original Color

6.8478, 11.3192, 9.6085

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

5.7590, 7.7582, 8.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.8478, 11.3192, 9.6085 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(0, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 81)  
}
```

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(0, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 81) }
```

Border

The CSS property to change the border of an element to XYZ 6.8478, 11.3192, 9.6085 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(0, 108, 81) }
```


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

```
.border{ border-color:rgb(0, 108, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.8478, 11.3192, 9.6085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 81) }
```

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

```
.background{ background-color: rgb(0, 108,  
81) }
```

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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