

Converting Colors

XYZ(6.8483, 11.7382, 7.6468)

Have a look what the booklet for
XYZ(6.8483, 11.7382, 7.6468)
contains.

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Color

**XYZ(6.8194, 11.6652,
7.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	0B6E46
RGB	11, 110, 70
RGB Percent	4%, 43%, 27%
CMY	0.9569, 0.5686, 0.7255
CMYK	0.90, 0.00, 0.36, 0.57
HSL	156°, 82%, 24%
HSV	156°, 90%, 43%
XYZ	6.8194, 11.6652, 7.6865
YIQ	75.8390, -46.1640, -33.4280

Conversions

Conversions Part 2

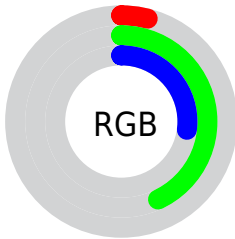
Format	Color
RYB	11, 73, 110
Decimal	749126
CIELab	40.68, -36.54, 15.06
CIELCh	41, 39.524, 157.596
Yxy	11.6652, 0.2606, 0.4457
Android (android.graphics.Color)	4278939206 (0xFF0B6E46)
YUV	75.8390, -2.8786, -56.8638
Hunter-Lab	34.1544, -24.1301, 10.5647

Details

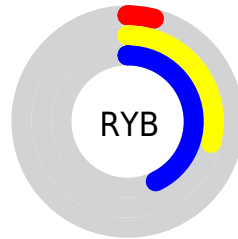
The XYZ color **6.8194, 11.6652, 7.6865** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.1480, 3.7936, 3.4878**, and the grayscale version is **6.8515, 7.2083, 7.8498**.

A 20% lighter version of the original color is **19.2306, 28.7091, 21.9806**, and **1.8552, 3.4121, 1.5381** is the 20% darker color. If you saturate the color by 10%, you get **6.5465, 11.5404, 6.9684**, and if you desaturate by 10%, it is **7.1582, 11.8233, 8.4624**.

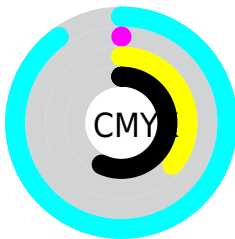
Distribution



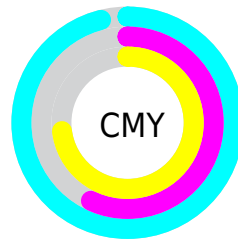
- Red (4%)
- Green (43%)
- Blue (27%)



- Red (4%)
- Yellow (29%)
- Blue (43%)



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)





- Cyan (96%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 6.8194, 11.6652, 7.6865 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 6.8194, 11.6652, 7.6865 by changing the saturation by 10% instead.


 6.8194, 11.6652,
7.6865


 6.8194, 11.6652,
7.6865


160.7321,
202.1760, 183.0938


 3.3947, 6.5161,
3.8101


 19.3173, 28.8838,
21.8775


 1.3658, 3.1614,
1.5218

 29.1212, 41.7222,
33.0291


 0.2316, 1.2166,
0.2341

 41.7823, 57.8925,
47.4430

 0.0000, 0.0752,
0.0000


 57.6659, 77.7791,
65.5375


 0.0000, 0.0000,
0.0000


 77.1373, 101.7663,
87.7314


 100.5619,


130.2386, 114.4430


 128.3051,
163.5804, 146.0909


 6.8194, 11.6652,
7.6865

 6.8194, 11.6652,
7.6865


 6.5465, 11.5404,
6.9684


 7.1582, 11.8233,
8.4624

 6.5465, 11.5404,
6.9683

 7.6107, 12.0386,
9.2988

 8.1893, 12.3175,
10.1975

 8.9042, 12.6655,
11.1601

 9.7647, 13.0873,
12.1881

■ 10.7792, 13.5871,
13.2829

■ 11.9555, 14.1690,
14.4458

■ 13.3007, 14.8366,
15.6782

■ 14.8216, 15.5934,
16.9813

Harmonies

Analogous

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



8.1178, 11.6652, 3.9856



6.8194, 11.6652, 7.6865



6.5631, 11.6652, 14.8494

Triad

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



6.8194, 11.6652, 7.6865



11.8141, 11.6652, 34.9203



15.9210, 11.6652, 5.4283

Complementary

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



6.8194, 11.6652, 7.6865



7.1480, 3.7936, 3.4878

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.



17.3225, 11.6652, 10.7712



6.8194, 11.6652, 7.6865



14.7051, 11.6652, 29.2436

Square

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



6.8194, 11.6652, 7.6865



9.1603, 11.6652, 32.9414



16.8437, 11.6652, 19.5273



13.2675, 11.6652, 3.1170

Rectangle

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



6.8194, 11.6652, 7.6865



6.9695, 11.6652, 21.2616



16.8437, 11.6652, 19.5273



16.5729, 11.6652, 6.8164

Sweetspot

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



6.8197, 11.6657, 7.6868



19.3750, 24.0807, 23.7813



7.0657, 11.9132, 2.2437



4.3980, 5.5491, 5.4209



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.



6.8197, 11.6657, 7.6868



11.4362, 20.2424, 11.9199



7.6797, 10.6511, 16.4035



3.4207, 3.7935, 4.0215



7.8495, 13.8573, 8.2939



38.6664, 68.8552, 39.0244

Inverse Universe

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



7.1480, 3.7936, 3.4878



12.0492, 6.1242, 4.5099



6.7282, 3.8136, 0.6981



3.4352, 3.4218, 3.8183



8.2673, 4.1993, 3.2174



40.7788, 20.7568, 13.8990

Previews

White Background



This preview shows how the XYZ color 6.8194, 11.6652, 7.6865 looks on a white background.

Color Contrast Check

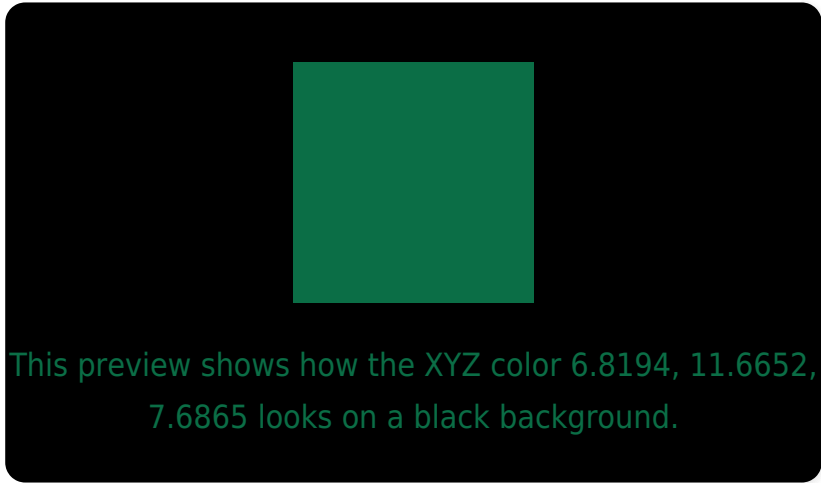
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 6.8194, 11.6652, 7.6865

Background



This preview shows how black text looks on a background with the XYZ color 6.8194, 11.6652, 7.6865.



This preview shows how white text looks on a background with the XYZ color 6.8194, 11.6652,

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

6.8194, 11.6652, 7.6865

Protanopia

10.8172, 11.6790, 6.5346

Deuteranopia

11.7453, 11.5934, 8.0973



Tritanopia

8.9073, 11.7465, 17.4206

Trichromacy



Original Color

6.8194, 11.6652, 7.6865

Protanomaly

8.1628, 11.0028, 6.8478

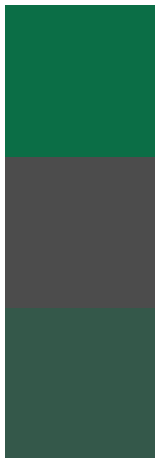
Deuteranomaly

8.5661, 10.9006, 7.9559

Tritanomaly

7.9221, 11.6397, 13.1384

Monochromacy



Original Color

6.8194, 11.6652, 7.6865

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

6.1419, 8.2039, 7.7384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.8194, 11.6652, 7.6865 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(11, 110, 70)` looks like.

```
.text, #text, p{  
    color:rgb(11, 110, 70)  
}
```

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(11, 110, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 110, 70) }
```

Border

The CSS property to change the border of an element to XYZ 6.8194, 11.6652, 7.6865 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(11, 110, 70) }
```


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

```
.border{ border-color:rgb(11, 110, 70) }
```

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

Here you see how a box with a 4 pixel rgb(11, 110, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 110, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 110, 70);  
box-shadow:4px 4px 4px 4px rgb(11, 110,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 6.8194, 11.6652, 7.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 110, 70) }
```

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

```
.background{ background-color: rgb(11, 110,  
70) }
```

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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