

Converting Colors

XYZ(6.5292, 10.8581, 8.9595)

Have a look what the booklet for
XYZ(6.5292, 10.8581, 8.9595)
contains.

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Color

**XYZ(6.5292, 10.8581,
8.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	006A4E
RGB	0, 106, 78
RGB Percent	0%, 42%, 31%
CMY	1.0000, 0.5843, 0.6941
CMYK	1.00, 0.00, 0.26, 0.58
HSL	164°, 100%, 21%
HSV	164°, 100%, 42%
XYZ	6.5292, 10.8581, 8.9594
YIQ	71.1140, -54.1880, -31.1800

Conversions

Conversions Part 2

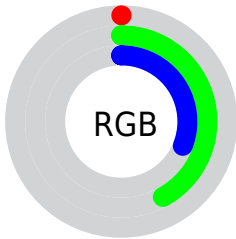
Format	Color
RYB	0, 61, 106
Decimal	27214
CIELab	39.34, -33.76, 8.42
CIELCh	39, 34.796, 165.989
Yxy	10.8581, 0.2478, 0.4121
Android (android.graphics.Color)	4278217294 (0xFF006A4E)
YUV	71.1140, 3.3948, -62.3670
Hunter-Lab	32.9516, -22.2965, 6.9455

Details

The XYZ color **6.5292, 10.8581, 8.9594** is a dark color, and the websafe version is hex **006633**, and the color name is [bangladesh green](#). A complement of this color would be **6.1539, 3.1484, 1.3826**, and the grayscale version is **6.0101, 6.3231, 6.8858**.

A 20% lighter version of the original color is **18.7301, 27.3637, 24.3732**, and **1.7519, 3.0417, 2.0082** is the 20% darker color. If you saturate the color by 10%, you get **6.5293, 10.8584, 8.9592**, and if you desaturate by 10%, it is **6.7649, 10.9680, 9.5060**.

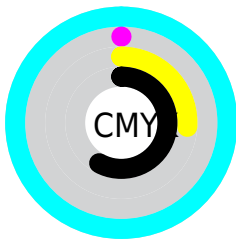
Distribution



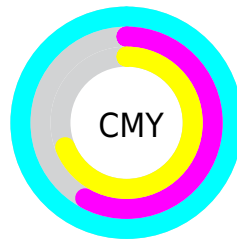
- Red (0%)
- Green (42%)
- Blue (31%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.5292, 10.8581, 8.9594 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 6.5292, 10.8581, 8.9594 by changing the saturation by 10% instead.

6.5292, 10.8581,
8.9594

6.5292, 10.8581,
8.9594

158.3240,
196.6914, 193.2816

3.2131, 5.9715,
4.6183

18.7338, 27.3975,
24.3954

1.2675, 2.8278,
1.9703

28.3531, 39.8190,
36.3273

0.1587, 1.0425,
0.5369

40.8042, 55.5210,
51.6265

0.0000, 0.0000,
0.0000

56.4525, 74.8879,
70.7116

75.6632, 98.3039,
94.0012

98.8018, 126.1536,

121.9136

126.2336,
158.8213, 154.8676

6.5292, 10.8581,
8.9594

6.5292, 10.8581,
8.9594

6.5293, 10.8584,
8.9592

6.7649, 10.9680,
9.5060

7.0526, 11.1040,
10.0775

7.4399, 11.2908,
10.6764

7.9376, 11.5340,
11.3037

8.5548, 11.8383,
11.9599

■ 9.2999, 12.2080,
12.6458

■ 10.1804, 12.6470,
13.3618

■ 11.2032, 13.1588,
14.1087

■ 12.3748, 13.7467,
14.8868

Harmonies

Analogous

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



7.4009, 10.8581, 4.9205



6.5292, 10.8581, 8.9594



6.5590, 10.8581, 15.7554

Triad

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



6.5292, 10.8581, 8.9594



11.6150, 10.8581, 29.1255



13.7871, 10.8581, 4.7466

Complementary

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



6.5292, 10.8581, 8.9594



6.1539, 3.1484, 1.3826

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.



15.2993, 10.8581, 8.6056



6.5292, 10.8581, 8.9594



13.9212, 10.8581, 23.2791

Square

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



6.5292, 10.8581, 8.9594



9.2650, 10.8581, 29.3369



15.3518, 10.8581, 15.2388



11.4528, 10.8581, 3.1896

Rectangle

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



6.5292, 10.8581, 8.9594



7.0803, 10.8581, 21.1687



15.3518, 10.8581, 15.2388



14.4230, 10.8581, 5.7343

Sweetspot

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



6.5295, 10.8585, 8.9597



17.7274, 22.1257, 23.3423



5.6407, 10.5592, 1.7411



4.0382, 5.1258, 5.3776



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



6.5295, 10.8585, 8.9597



11.4103, 19.0369, 15.4681



5.5643, 6.9658, 14.6874



3.1493, 3.4789, 3.7703



8.0886, 13.4695, 11.0437



40.8433, 68.4844, 54.3152

Inverse Universe

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



6.1539, 3.1484, 1.3826



10.7559, 5.5074, 2.1956



6.2862, 3.7485, 0.3925



3.1296, 3.1287, 3.4126



7.6237, 3.9016, 1.6468



38.5311, 19.7544, 6.7333

Previews

White Background



This preview shows how the XYZ color 6.5292, 10.8581, 8.9594 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 6.5292, 10.8581, 8.9594 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 6.5292, 10.8581, 8.9594

Background



This preview shows how black text looks on a background with the XYZ color 6.5292, 10.8581, 8.9594.



This preview shows how white text looks on a background with the XYZ color 6.5292, 10.8581, 8.9594.

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

6.5292, 10.8581, 8.9594

Protanopia

10.1424, 10.7748, 7.6761

Deuteranopia

10.9211, 10.7572, 9.4834



Tritanopia

8.2255, 10.9686, 16.4355

Trichromacy



Original Color

6.5292, 10.8581, 8.9594

Protanomaly

7.5606, 10.1006, 8.0297

Deuteranomaly

7.8922, 9.9718, 9.2934

Tritanomaly

7.3857, 10.7529, 13.2415

Monochromacy



Original Color

6.5292, 10.8581, 8.9594

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

5.4885, 7.3929, 7.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.5292, 10.8581, 8.9594 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, 106, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 78)  
}
```

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, 106, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 78) }
```

Border

The CSS property to change the border of an element to XYZ 6.5292, 10.8581, 8.9594 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, 106, 78) }
```


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

```
.border{ border-color:rgb(0, 106, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 78);  
box-shadow:4px 4px 4px 4px rgb(0, 106, 78)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.5292, 10.8581, 8.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 78) }
```

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

```
.background{ background-color: rgb(0, 106,  
78) }
```

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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