

Converting Colors

XYZ(8.6653, 14.2419, 11.7413)

Have a look what the booklet for
XYZ(8.6653, 14.2419, 11.7413)
contains.

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Color

**XYZ(8.6577, 14.2254,
11.7407)**

Conversions

Conversions Part 1

Format	Color
Hex	0B7859
RGB	11, 120, 89
RGB Percent	4%, 47%, 35%
CMY	0.9568, 0.5294, 0.6510
CMYK	0.91, 0.00, 0.26, 0.53
HSL	163°, 83%, 26%
HSV	163°, 91%, 47%
XYZ	8.6577, 14.2254, 11.7407
YIQ	83.8750, -55.0130, -32.7490

Conversions

Conversions Part 2

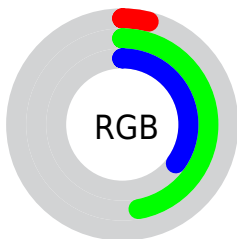
Format	Color
RYB	11, 75, 120
Decimal	751705
CIELab	44.55, -36.04, 9.21
CIELCh	45, 37.199, 165.664
Yxy	14.2254, 0.2501, 0.4109
Android (android.graphics.Color)	4278941785 (0xFF0B7859)
YUV	83.8750, 2.5266, -63.9114
Hunter-Lab	37.7166, -25.0300, 7.9454

Details

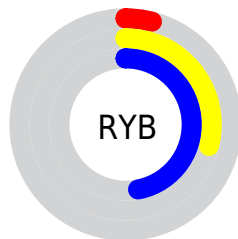
The XYZ color **8.6577, 14.2254, 11.7407** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.2839, 4.4000, 2.6041**, and the grayscale version is **8.4049, 8.8426, 9.6296**.

A 20% lighter version of the original color is **22.9120, 33.4567, 29.6763**, and **2.6262, 4.5547, 3.0262** is the 20% darker color. If you saturate the color by 10%, you get **8.3912, 14.1032, 11.0566**, and if you desaturate by 10%, it is **9.0202, 14.3957, 12.5237**.

Distribution



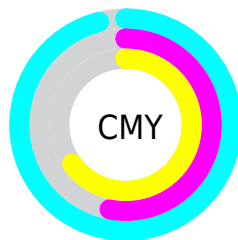
- Red (4%)
- Green (47%)
- Blue (35%)



- Red (4%)
- Yellow (29%)
- Blue (47%)



- Cyan (91%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (96%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6577, 14.2254, 11.7407 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 8.6577, 14.2254, 11.7407 by changing the saturation by 10% instead.

■ 8.6577, 14.2254,
11.7407

■ 8.6577, 14.2254,
11.7407

175.0651,
218.6286, 213.5976

■ 4.5739, 8.2776,
6.4470

■ 22.9113, 33.4884,
29.6793

■ 2.0317, 4.2731,
3.0456

■ 33.8119, 47.5725,
43.1612

■ 0.6517, 1.8275,
1.1180

■ 47.7155, 65.1373,
60.2096

■ 0.0000, 0.5042,
0.0000

■ 64.9873, 86.5675,
81.2430

■ 0.0000, 0.0000,
0.0000

■ 85.9928, 112.2473,
106.6800

■ 111.0974,

142.5612, 136.9390

140.6664,
177.8934, 172.4387

■ 8.6577, 14.2254,
11.7407

■ 8.6577, 14.2254,
11.7407

■ 8.3912, 14.1032,
11.0566

■ 9.0202, 14.3957,
12.5237

■ 9.5136, 14.6323,
13.3477

■ 10.1531, 14.9435,
14.2141

■ 10.9518, 15.3359,
15.1240

■ 11.9210, 15.8154,
16.0784

■ 13.0712, 16.3874,
17.0782

■ 14.4118, 17.0568,
18.1242

■ 15.9517, 17.8280,
19.2172

■ 17.6992, 18.7055,
20.3581

Harmonies

Analogous

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



9.7932, 14.2254, 6.5606



8.6577, 14.2254, 11.7407



8.6835, 14.2254, 20.4030

Triad

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



8.6577, 14.2254, 11.7407



15.1425, 14.2254, 37.5245



17.9766, 14.2254, 6.4087

Complementary

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



8.6577, 14.2254, 11.7407



8.2839, 4.4000, 2.6041

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.



19.8858, 14.2254, 11.4351



8.6577, 14.2254, 11.7407



18.0915, 14.2254, 30.1797

Square

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



8.6577, 14.2254, 11.7407



12.1394, 14.2254, 37.7040



19.9307, 14.2254, 19.9607



15.0033, 14.2254, 4.3486

Rectangle

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



8.6577, 14.2254, 11.7407



9.3470, 14.2254, 27.2858



19.9307, 14.2254, 19.9607



18.7823, 14.2254, 7.7026

Sweetspot

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



8.6581, 14.2260, 11.7410



23.6982, 29.1751, 30.6096



7.8033, 13.9866, 2.6053



5.4727, 6.8427, 7.1385



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



8.6581, 14.2260, 11.7410



14.6993, 24.7807, 19.1361



7.9152, 10.2008, 19.3218



4.0608, 4.4939, 4.8538



9.1478, 15.3828, 12.0289



43.2561, 73.2255, 55.3798

Inverse Universe

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



8.2839, 4.4000, 2.6041



14.0826, 7.2068, 3.0557



8.3450, 5.0945, 0.8604



4.0408, 4.0321, 4.4128



8.7616, 4.4808, 2.0355



41.4714, 21.2449, 8.0124

Previews

White Background



This preview shows how the XYZ color 8.6577, 14.2254, 11.7407 looks on a white background.

Color Contrast Check

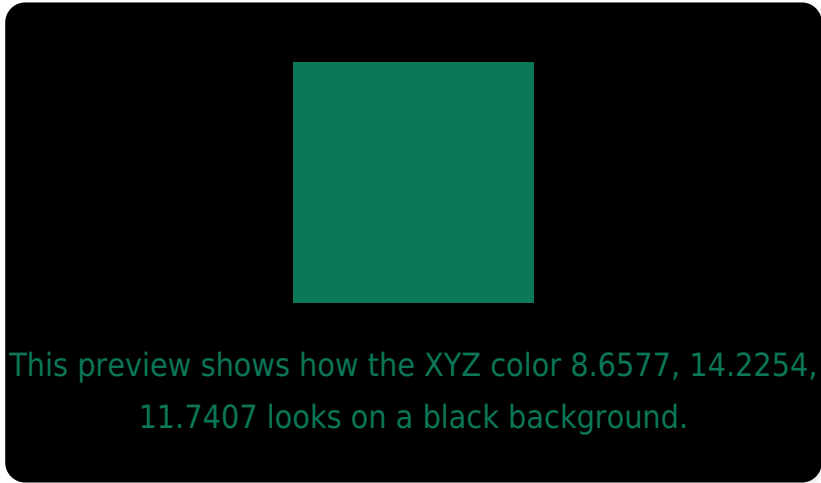
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.6577, 14.2254, 11.7407

Background



This preview shows how black text looks on a background with the XYZ color 8.6577, 14.2254, 11.7407.



This preview shows how white text looks on a background with the XYZ color 8.6577, 14.2254,

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

8.6577, 14.2254, 11.7407

Protanopia

13.2567, 14.1571, 10.0165

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

10.7075, 14.1933, 21.5773

Trichromacy



Original Color

8.6577, 14.2254, 11.7407

Protanomaly

10.1173, 13.3036, 10.6289

Deuteranomaly

10.6026, 13.2033, 12.1149

Tritanomaly

9.7926, 14.1536, 17.5450

Monochromacy



Original Color

8.6577, 14.2254, 11.7407

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

7.6418, 10.0911, 10.3491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6577, 14.2254, 11.7407 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, 120, 89)` looks like.

```
.text, #text, p{  
    color:rgb(11, 120, 89)  
}
```

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, 120, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 120, 89) }
```

Border

The CSS property to change the border of an element to XYZ 8.6577, 14.2254, 11.7407 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, 120, 89) }
```


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

```
.border{ border-color:rgb(11, 120, 89) }
```

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

Here you see how a box with a 4 pixel rgb(11, 120, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 120, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 120, 89);  
box-shadow:4px 4px 4px 4px rgb(11, 120,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6577, 14.2254, 11.7407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 120, 89) }
```

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

```
.background{ background-color: rgb(11, 120,  
89) }
```

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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