

Converting Colors

XYZ(8.6943, 14.6783, 8.5058)

Have a look what the booklet for
XYZ(8.6943, 14.6783, 8.5058)
contains.

XYZ(8.6943, 14.6783, 8.5058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(8.6943, 14.6783,
8.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A48
RGB	31, 122, 72
RGB Percent	12%, 48%, 28%
CMY	0.8784, 0.5216, 0.7176
CMYK	0.75, 0.00, 0.41, 0.52
HSL	147°, 59%, 30%
HSV	147°, 75%, 48%
XYZ	8.6943, 14.6783, 8.5058
YIQ	89.0910, -38.1860, -34.8420

Conversions

Conversions Part 2

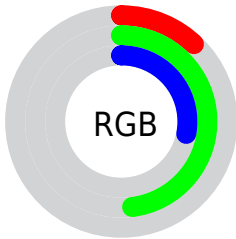
Format	Color
R _Y B	31, 94, 122
Decimal	2062920
CIE Lab	45.19, -38.47, 20.00
CIE LCh	45, 43.356, 152.523
Yxy	14.6783, 0.2727, 0.4604
Android (android.graphics.Color)	4280253000 (0xFF1F7A48)
YUV	89.0910, -8.4259, -50.9458
Hunter-Lab	38.3123, -26.5390, 13.6555

Details

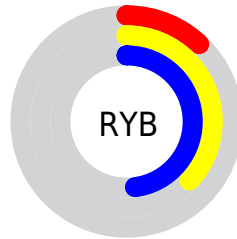
The XYZ color **8.6943, 14.6783, 8.5058** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **10.0017, 5.7119, 8.3604**, and the grayscale version is **9.5401, 10.0369, 10.9302**.

A 20% lighter version of the original color is **22.9010, 34.1643, 23.4765**, and **2.5152, 4.7139, 1.8142** is the 20% darker color. If you saturate the color by 10%, you get **8.1873, 14.4412, 7.4023**, and if you desaturate by 10%, it is **9.3651, 14.9978, 9.7422**.

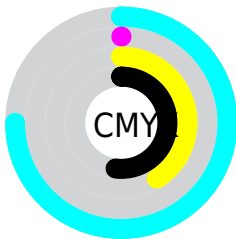
Distribution



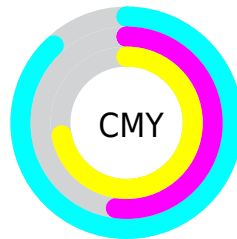
- Red (12%)
- Green (48%)
- Blue (28%)



- Red (12%)
- Yellow (37%)
- Blue (48%)



- Cyan (75%)
- Magenta (0%)
- Yellow (41%)
- Black (52%)





- Cyan (88%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6943, 14.6783, 8.5058 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 8.6943, 14.6783, 8.5058 by changing the saturation by 10% instead.


 8.6943, 14.6783,
8.5058


 8.6943, 14.6783,
8.5058


175.3365,
221.4107, 189.7274


 4.5978, 8.5939,
4.3279


 22.9813, 34.2878,
23.5065


 2.0456, 4.4773,
1.8069

 33.9026, 48.5818,
35.1664


 0.6594, 1.9440,
0.4325


 47.8296, 66.3810,
50.1574

 0.0000, 0.5746,
0.0000

 65.1275, 88.0700,
68.8980

 0.0000, 0.0000,
0.0000

 86.1618, 114.0330,
91.8068

 111.2979,

144.6546, 119.3022

140.9010,
180.3190, 151.8029

■ 8.6943, 14.6783,
8.5058

■ 8.6943, 14.6783,
8.5058

■ 8.1873, 14.4412,
7.4023

■ 9.3651, 14.9978,
9.7422

■ 7.8214, 14.2738,
6.4256

■ 10.2134, 15.4057,
11.1149

■ 7.6486, 14.1952,
5.9472

■ 11.2527, 15.9090,
12.6285

■ 12.4947, 16.5139,
14.2870

■ 13.9502, 17.2257,
16.0944

■ 15.6293, 18.0497,
18.0543

■ 17.5413, 18.9905,
20.1704

■ 19.6949, 20.0526,
22.4459

■ 22.0986, 21.2402,
24.8844

Harmonies

Analogous

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



10.5696, 14.6783, 4.4603



8.6943, 14.6783, 8.5058



8.1449, 14.6783, 16.8653

Triad

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



8.6943, 14.6783, 8.5058



14.2563, 14.6783, 44.8545



20.5935, 14.6783, 7.5569

Complementary

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



8.6943, 14.6783, 8.5058



10.0017, 5.7119, 8.3604

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.



22.0151, 14.6783, 15.1305



8.6943, 14.6783, 8.5058



17.9867, 14.6783, 39.0176

Square

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



8.6943, 14.6783, 8.5058



11.0116, 14.6783, 40.6114



20.9886, 14.6783, 26.9062



17.3725, 14.6783, 4.1000

Rectangle

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



8.6943, 14.6783, 8.5058



8.5122, 14.6783, 24.7802



20.9886, 14.6783, 26.9062



21.3204, 14.6783, 9.5604

Sweetspot

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



8.6947, 14.6789, 8.5061



25.1173, 30.5860, 29.0017



10.6050, 15.7702, 3.7814



5.6095, 6.9281, 6.4716



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.



8.6947, 14.6789, 8.5061



13.8993, 25.1743, 11.7001



10.7625, 15.5060, 19.3951



4.0190, 4.4772, 4.6337



8.0483, 14.9430, 6.2395



37.9744, 71.1128, 27.5667

Inverse Universe

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



10.0017, 5.7119, 8.3604



16.3227, 8.4522, 11.3590



8.8280, 5.2424, 2.1799



4.0818, 4.0485, 4.6286



9.5136, 4.7816, 5.9957



44.9471, 22.6352, 26.3153

Previews

White Background



This preview shows how the XYZ color 8.6943, 14.6783, 8.5058 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 8.6943, 14.6783, 8.5058 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 8.6943, 14.6783, 8.5058

Background



This preview shows how black text looks on a background with the XYZ color 8.6943, 14.6783, 8.5058.



This preview shows how white text looks on a background with the XYZ color 8.6943, 14.6783,

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

8.6943, 14.6783, 8.5058

Protanopia

13.3399, 14.4144, 7.2334

Deuteranopia

14.6951, 14.4742, 9.0405



Tritanopia

11.4153, 14.7283, 21.6432

Trichromacy



Original Color

8.6943, 14.6783, 8.5058

Protanomaly

10.5839, 13.9370, 7.6011

Deuteranomaly

11.0530, 13.6694, 8.7125

Tritanomaly

10.1621, 14.5554, 15.9095

Monochromacy



Original Color

8.6943, 14.6783, 8.5058

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.5989, 11.1608, 9.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6943, 14.6783, 8.5058 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(31, 122, 72)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 72)  
}
```

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(31, 122, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 72) }
```

Border

The CSS property to change the border of an element to XYZ 8.6943, 14.6783, 8.5058 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(31, 122, 72) }
```


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

```
.border{ border-color:rgb(31, 122, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 122, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 72);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6943, 14.6783, 8.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 72) }
```

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

```
.background{ background-color: rgb(31, 122,  
72) }
```

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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