

Converting Colors

XYZ(8.6025, 15.6128, 6.5632)

Have a look what the booklet for
XYZ(8.6025, 15.6128, 6.5632)
contains.

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Color

**XYZ(8.6025, 15.6128,
6.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	127F3A
RGB	18, 127, 58
RGB Percent	7%, 50%, 23%
CMY	0.9294, 0.5020, 0.7725
CMYK	0.86, 0.00, 0.54, 0.50
HSL	142°, 75%, 28%
HSV	142°, 86%, 50%
XYZ	8.6025, 15.6128, 6.5632
YIQ	86.5430, -42.8150, -44.5670

Conversions

Conversions Part 2

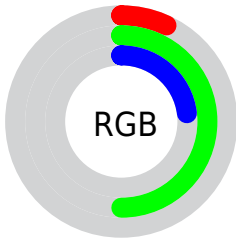
Format	Color
RYB	18, 98, 127
Decimal	1212218
CIELab	46.46, -44.74, 29.28
CIElCh	46, 53.470, 146.803
Yxy	15.6128, 0.2795, 0.5073
Android (android.graphics.Color)	4279402298 (0xFF127F3A)
YUV	86.5430, -14.0717, -60.1122
Hunter-Lab	39.5130, -30.2860, 17.8109

Details

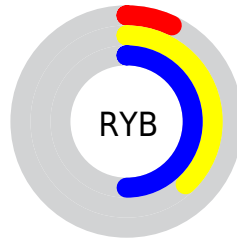
The XYZ color **8.6025, 15.6128, 6.5632** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **10.6893, 5.6329, 9.5406**, and the grayscale version is **8.9970, 9.4655, 10.3080**.

A 20% lighter version of the original color is **22.8339, 35.9941, 19.6540**, and **2.6448, 5.1930, 1.1796** is the 20% darker color. If you saturate the color by 10%, you get **8.2309, 15.4435, 5.5605**, and if you desaturate by 10%, it is **9.1303, 15.8598, 7.7407**.

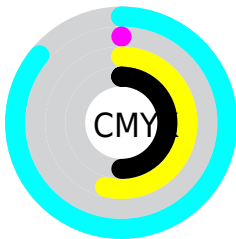
Distribution



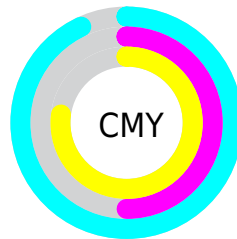
- Red (7%)
- Green (50%)
- Blue (23%)



- Red (7%)
- Yellow (38%)
- Blue (50%)



- Cyan (86%)
- Magenta (0%)
- Yellow (54%)
- Black (50%)





- Cyan (93%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.6025, 15.6128, 6.5632 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 8.6025, 15.6128, 6.5632 by changing the saturation by 10% instead.


 8.6025, 15.6128,
6.5632


 8.6025, 15.6128,
6.5632


174.6548,
227.0460, 173.4741


 4.5379, 9.2506,
3.1162


 22.8057, 35.9247,
19.5866


 2.0107, 4.9050,
1.1543

 33.6749, 50.6431,
30.0001


 0.6400, 2.1916,
0.0000

 47.5431, 68.9158,
43.5728

 0.0000, 0.7154,
0.0000

 64.7755, 91.1271,
60.7234

 0.0000, 0.0000,
0.0000

 85.7375, 117.6613,
81.8702

 110.7945,

148.9030, 107.4319

140.3118,
185.2364, 137.8270

■ 8.6025, 15.6128,
6.5632

■ 8.6025, 15.6128,
6.5632

■ 8.2309, 15.4435,
5.5605

■ 9.1303, 15.8598,
7.7407

■ 8.0949, 15.3814,
5.1904

■ 9.8415, 16.1971,
9.1005

■ 10.7537, 16.6340,
10.6506

■ 11.8820, 17.1782,
12.3980

■ 13.2401, 17.8365,
14.3496

■ 14.8403, 18.6152,
16.5117

■ 16.6943, 19.5202,
18.8906

■ 18.8127, 20.5570,
21.4920

■ 21.2058, 21.7305,
24.3216

Harmonies

Analogous

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



11.1991, 15.6128, 2.9352



8.6025, 15.6128, 6.5632



7.6466, 15.6128, 15.6263

Triad

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



8.6025, 15.6128, 6.5632



14.3519, 15.6128, 56.8851



24.2125, 15.6128, 7.9473

Complementary

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



8.6025, 15.6128, 6.5632



10.6893, 5.6329, 9.5406

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.



25.5333, 15.6128, 18.4513



8.6025, 15.6128, 6.5632



19.1940, 15.6128, 51.0954

Square

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



8.6025, 15.6128, 6.5632



10.5060, 15.6128, 48.2105



23.5355, 15.6128, 34.9737



20.2258, 15.6128, 3.3952

Rectangle

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



8.6025, 15.6128, 6.5632



7.8828, 15.6128, 25.4205



23.5355, 15.6128, 34.9737



25.0145, 15.6128, 10.6802

Sweetspot

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



8.6029, 15.6134, 6.5636



26.3315, 33.2158, 29.2472



11.6325, 17.2509, 3.2889



5.9629, 7.6783, 6.5787



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



8.6029, 15.6134, 6.5636



14.4285, 27.5167, 8.9415



10.7899, 16.4882, 18.0802



4.3362, 4.8428, 4.9417



8.1630, 15.5118, 5.2311



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.6893, 5.6329, 9.5406



18.2193, 9.0983, 14.1394



9.2370, 5.0520, 1.8931



4.4333, 4.3865, 5.0861



10.3014, 5.1402, 8.1767



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.6025, 15.6128, 6.5632 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 8.6025, 15.6128, 6.5632 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 8.6025, 15.6128, 6.5632

Background



This preview shows how black text looks on a background with the XYZ color 8.6025, 15.6128, 6.5632.



This preview shows how white text looks on a background with the XYZ color 8.6025, 15.6128,

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

8.6025, 15.6128, 6.5632

Protanopia

14.0809, 15.4647, 5.4917

Deuteranopia

15.6499, 15.4599, 7.0097



Tritanopia

11.9754, 15.5087, 23.1312

Trichromacy



Original Color

8.6025, 15.6128, 6.5632



Protanomaly

10.5674, 14.6419, 5.7592



Deuteranomaly

11.0890, 14.3822, 6.7490



Tritanomaly

10.2828, 15.3495, 15.2527

Monochromacy



Original Color

8.6025, 15.6128, 6.5632



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

8.0425, 11.0487, 8.5462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6025, 15.6128, 6.5632 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(18, 127, 58)` looks like.

```
.text, #text, p{  
    color:rgb(18, 127, 58)  
}
```

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(18, 127, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 127, 58) }
```

Border

The CSS property to change the border of an element to XYZ 8.6025, 15.6128, 6.5632 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(18, 127, 58) }
```


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

```
.border{ border-color:rgb(18, 127, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 127, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 127, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 127, 58);  
box-shadow:4px 4px 4px 4px rgb(18, 127,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6025, 15.6128, 6.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 127, 58) }
```

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

```
.background{ background-color: rgb(18, 127,  
58) }
```

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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