

Converting Colors

XYZ(8.0586, 14.9623, 7.1110)

Have a look what the booklet for
XYZ(8.0586, 14.9623, 7.1110)
contains.

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Color

**XYZ(8.2308, 15.0261,
7.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	007D3F
RGB	0, 125, 63
RGB Percent	0%, 49%, 25%
CMY	1.0000, 0.5098, 0.7529
CMYK	1.00, 0.00, 0.50, 0.51
HSL	150°, 100%, 25%
HSV	150°, 100%, 49%
XYZ	8.2308, 15.0261, 7.1691
YIQ	80.5570, -54.5980, -45.7820

Conversions

Conversions Part 2

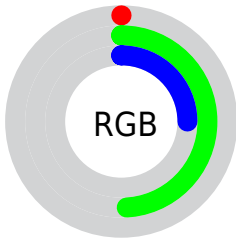
Format	Color
RYB	0, 83, 125
Decimal	32063
CIELab	45.67, -44.61, 25.57
CIELCh	46, 51.416, 150.181
Yxy	15.0261, 0.2705, 0.4939
Android (android.graphics.Color)	4278222143 (0xFF007D3F)
YUV	80.5570, -8.6556, -70.6485
Hunter-Lab	38.7635, -29.9346, 16.1691

Details

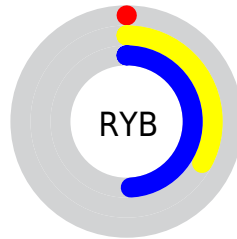
The XYZ color **8.2308, 15.0261, 7.1691** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **9.3274, 4.7081, 4.9751**, and the grayscale version is **7.7584, 8.1624, 8.8889**.

A 20% lighter version of the original color is **22.1866, 35.0298, 20.9213**, and **2.5580, 4.9412, 1.3912** is the 20% darker color. If you saturate the color by 10%, you get **8.2311, 15.0267, 7.1692**, and if you desaturate by 10%, it is **8.5731, 15.1818, 8.1416**.

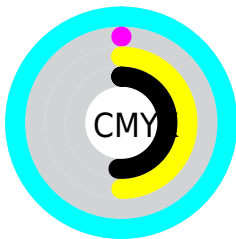
Distribution



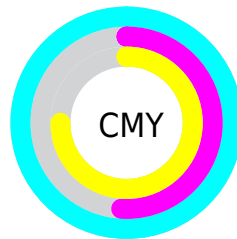
- Red (0%)
- Green (49%)
- Blue (25%)



- Red (0%)
- Yellow (33%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.2308, 15.0261, 7.1691 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 8.2308, 15.0261, 7.1691 by changing the saturation by 10% instead.

8.2308, 15.0261,
7.1691

8.2308, 15.0261,
7.1691

171.8627,
223.5241, 178.7454

4.2960, 8.8377,
3.4880

22.0908, 34.8990,
20.8312

1.8709, 4.6355,
1.3489

32.7467, 49.3522,
31.6494

0.5599, 2.0350,
0.1014

46.3737, 67.3292,
45.6836

0.0000, 0.6277,
0.0000

63.3372, 89.2143,
63.3525

0.0000, 0.0000,
0.0000

84.0025, 115.3920,
85.0746

108.7349,

146.2466, 111.2684

137.8999,
182.1625, 142.3525

■ 8.2308, 15.0261,
7.1691

■ 8.2308, 15.0261,
7.1691

■ 8.2311, 15.0267,
7.1692

■ 8.5731, 15.1818,
8.1416

■ 9.0187, 15.3880,
9.2238

■ 9.6229, 15.6736,
10.4216

■ 10.4028, 16.0473,
11.7388

■ 11.3728, 16.5165,
13.1789

■ 12.5460, 17.0879,
14.7452

■ 13.9342, 17.7674,
16.4409

■ 15.5483, 18.5607,
18.2690

■ 17.3984, 19.4730,
20.2326

Harmonies

Analogous

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



10.5075, 15.0261, 3.2251



8.2308, 15.0261, 7.1691



7.4941, 15.0261, 16.4360

Triad

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



8.2308, 15.0261, 7.1691



14.3081, 15.0261, 53.4223



22.7105, 15.0261, 7.0944

Complementary

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



8.2308, 15.0261, 7.1691



9.3274, 4.7081, 4.9751

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.



24.2756, 15.0261, 16.2859



8.2308, 15.0261, 7.1691



18.8665, 15.0261, 46.6494

Square

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



8.2308, 15.0261, 7.1691



10.5445, 15.0261, 46.8005



22.7462, 15.0261, 31.2285



18.8119, 15.0261, 3.1998

Rectangle

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



8.2308, 15.0261, 7.1691



7.8300, 15.0261, 25.9910



22.7462, 15.0261, 31.2285



23.5582, 15.0261, 9.4627

Sweetspot

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



8.2312, 15.0267, 7.1694



24.7574, 31.7206, 29.2115



9.3522, 15.7083, 2.5392



5.4289, 7.1161, 6.4022



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



8.2312, 15.0267, 7.1694



14.6653, 26.8785, 12.4480



11.0357, 16.1485, 21.9381



4.3594, 4.8521, 5.0637



8.5869, 15.6813, 7.4634



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3274, 4.7081, 4.9751



16.6285, 8.4010, 8.5197



8.4578, 4.3602, 0.3959



4.4098, 4.3771, 4.9622



9.7310, 4.9121, 5.1733



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.2308, 15.0261, 7.1691 looks on a white background.

Color Contrast Check

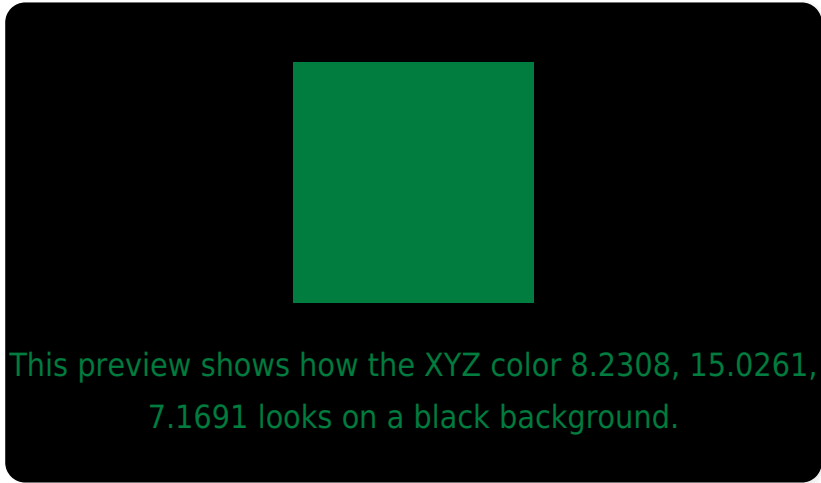
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.2308, 15.0261, 7.1691

Background



This preview shows how black text looks on a background with the XYZ color 8.2308, 15.0261, 7.1691.



This preview shows how white text looks on a background with the XYZ color 8.2308, 15.0261, 7.1691.

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

8.2308, 15.0261, 7.1691

Protanopia

13.7088, 14.9425, 6.0325

Deuteranopia

15.1303, 14.8760, 7.7041



Tritanopia

11.5281, 15.1176, 22.3891

Trichromacy



Original Color

8.2308, 15.0261, 7.1691



Protanomaly

9.7872, 13.8869, 6.3023



Deuteranomaly

10.2648, 13.6131, 7.3968



Tritanomaly

9.9011, 14.9655, 15.4635

Monochromacy



Original Color

8.2308, 15.0261, 7.1691



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

6.9269, 9.7739, 8.0000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2308, 15.0261, 7.1691 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, 125, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 63)  
}
```

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, 125, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 63) }
```

Border

The CSS property to change the border of an element to XYZ 8.2308, 15.0261, 7.1691 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, 125, 63) }
```


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

```
.border{ border-color:rgb(0, 125, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 125, 63)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.2308, 15.0261, 7.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 63) }
```

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

```
.background{ background-color: rgb(0, 125,  
63) }
```

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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