

Converting Colors

XYZ(8.1560, 14.9899, 6.7943)

Have a look what the booklet for
XYZ(8.1560, 14.9899, 6.7943)
contains.

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Color

**XYZ(8.1492, 14.9935,
6.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	007D3C
RGB	0, 125, 60
RGB Percent	0%, 49%, 24%
CMY	1.0000, 0.5098, 0.7647
CMYK	1.00, 0.00, 0.52, 0.51
HSL	149°, 100%, 25%
HSV	149°, 100%, 49%
XYZ	8.1492, 14.9935, 6.7395
YIQ	80.2150, -53.6350, -46.7150

Conversions

Conversions Part 2

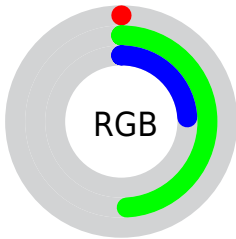
Format	Color
RYB	0, 84, 125
Decimal	32060
CIELab	45.63, -45.15, 27.14
CIELCh	46, 52.677, 148.993
Yxy	14.9935, 0.2727, 0.5018
Android (android.graphics.Color)	4278222140 (0xFF007D3C)
YUV	80.2150, -9.9660, -70.3486
Hunter-Lab	38.7214, -30.1959, 16.7855

Details

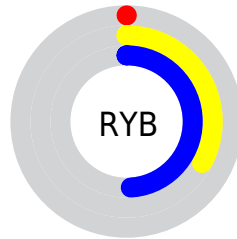
The XYZ color **8.1492, 14.9935, 6.7395** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **9.4120, 4.7418, 5.4203**, and the grayscale version is **7.6935, 8.0942, 8.8146**.

A 20% lighter version of the original color is **22.0223, 34.9640, 20.0560**, and **2.5280, 4.9293, 1.2337** is the 20% darker color. If you saturate the color by 10%, you get **8.1496, 14.9941, 6.7398**, and if you desaturate by 10%, it is **8.4909, 15.1490, 7.7087**.

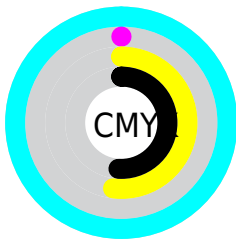
Distribution



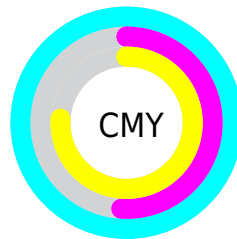
- Red (0%)
- Green (49%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.1492, 14.9935, 6.7395 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 8.1492, 14.9935, 6.7395 by changing the saturation by 10% instead.

■ 8.1492, 14.9935,
6.7395

■ 8.1492, 14.9935,
6.7395

171.2427,
223.3269, 175.0292

■ 4.2432, 8.8148,
3.2238

■ 21.9330, 34.8418,
19.9511

■ 1.8406, 4.6206,
1.2100

■ 32.5416, 49.2802,
30.4840

■ 0.5420, 2.0264,
0.0000

■ 46.1150, 67.2406,
44.1930

■ 0.0000, 0.6228,
0.0000

■ 63.0186, 89.1074,
61.4968

■ 0.0000, 0.0000,
0.0000

■ 83.6179, 115.2651,
82.8137

■ 108.2781,

146.0979, 108.5624

137.3645,
181.9904, 139.1614

■ 8.1492, 14.9935,
6.7395

■ 8.1492, 14.9935,
6.7395

■ 8.1496, 14.9941,
6.7398

■ 8.4909, 15.1490,
7.7087

■ 8.9375, 15.3556,
8.7965

■ 9.5446, 15.6423,
10.0095

■ 10.3292, 16.0179,
11.3519

■ 11.3059, 16.4898,
12.8276

■ 12.4879, 17.0647,
14.4406

■ 13.8871, 17.7486,
16.1942

■ 15.5144, 18.5472,
18.0922

■ 17.3801, 19.4656,
20.1377

Harmonies

Analogous

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



10.5238, 14.9935, 2.9656



8.1492, 14.9935, 6.7395



7.3435, 14.9935, 15.9022

Triad

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



8.1492, 14.9935, 6.7395



14.1023, 14.9935, 54.6265



23.0276, 14.9935, 7.1578

Complementary

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



8.1492, 14.9935, 6.7395



9.4120, 4.7418, 5.4203

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.



24.5200, 14.9935, 16.7560



8.1492, 14.9935, 6.7395



18.7680, 14.9935, 48.1056

Square

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



8.1492, 14.9935, 6.7395



10.3142, 14.9935, 47.2335



22.8229, 14.9935, 32.3007



19.0799, 14.9935, 3.1046

Rectangle

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



8.1492, 14.9935, 6.7395



7.6433, 14.9935, 25.5714



22.8229, 14.9935, 32.3007



23.8650, 14.9935, 9.6295

Sweetspot

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



8.1496, 14.9941, 6.7398



24.6721, 31.6865, 28.7623



9.6260, 15.8494, 2.5519



5.4079, 7.1076, 6.2915



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.



8.1496, 14.9941, 6.7398



14.5200, 26.8204, 11.6828



10.7750, 16.0443, 20.5653



4.3553, 4.8504, 5.0422



8.5018, 15.6473, 7.0154



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.4120, 4.7418, 5.4203



16.7795, 8.4614, 9.3147



8.4806, 4.3693, 0.5160



4.4138, 4.3787, 4.9838



9.8193, 4.9474, 5.6381



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.1492, 14.9935, 6.7395 looks on a white background.

Color Contrast Check

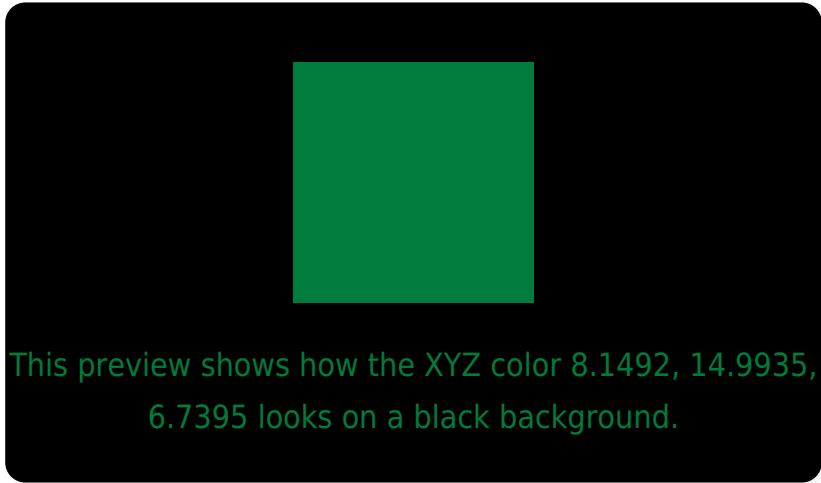
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.1492, 14.9935, 6.7395

Background



This preview shows how black text looks on a background with the XYZ color 8.1492, 14.9935, 6.7395.



This preview shows how white text looks on a background with the XYZ color 8.1492, 14.9935,

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

8.1492, 14.9935, 6.7395

Protanopia

13.6362, 14.9134, 5.6499

Deuteranopia

15.0395, 14.8397, 7.2259



Tritanopia

11.5281, 15.1176, 22.3891

Trichromacy



Original Color

8.1492, 14.9935, 6.7395



Protanomaly

9.7116, 13.8567, 5.9041



Deuteranomaly

10.1771, 13.5780, 6.9349



Tritanomaly

9.8506, 14.9453, 15.1975

Monochromacy



Original Color

8.1492, 14.9935, 6.7395



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

6.7507, 9.5506, 7.7910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1492, 14.9935, 6.7395 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 60) }
```

Border

The CSS property to change the border of an element to XYZ 8.1492, 14.9935, 6.7395 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, 60) }
```


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

```
.border{ border-color:rgb(0, 125, 60) }
```

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, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 125, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.1492, 14.9935, 6.7395 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, 60) }
```

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

```
.background{ background-color: rgb(0, 125,  
60) }
```

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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