

Converting Colors

XYZ(7.7267, 14.5866, 4.2613)

Have a look what the booklet for
XYZ(7.7267, 14.5866, 4.2613)
contains.

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Color

**XYZ(7.7545, 14.6568,
4.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	0F7C26
RGB	15, 124, 38
RGB Percent	6%, 49%, 15%
CMY	0.9412, 0.5137, 0.8510
CMYK	0.88, 0.00, 0.69, 0.51
HSL	133°, 78%, 27%
HSV	133°, 88%, 49%
XYZ	7.7545, 14.6568, 4.2541
YIQ	81.6050, -37.3580, -49.8540

Conversions

Conversions Part 2

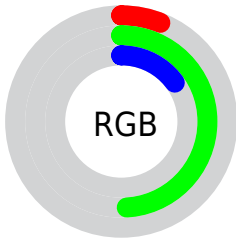
Format	Color
RYB	15, 105, 124
Decimal	1014822
CIELab	45.16, -46.77, 37.58
CIELCh	45, 59.996, 141.212
Yxy	14.6568, 0.2908, 0.5497
Android (android.graphics.Color)	4279204902 (0xFF0F7C26)
YUV	81.6050, -21.4973, -58.4126
Hunter-Lab	38.2842, -30.8420, 20.2107

Details

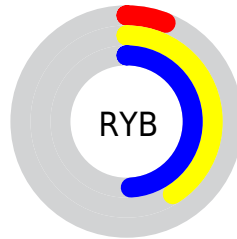
The XYZ color **7.7545, 14.6568, 4.2541** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.8323, 5.5665, 12.8153**, and the grayscale version is **7.9883, 8.4043, 9.1523**.

A 20% lighter version of the original color is **21.2080, 34.3679, 14.5327**, and **2.3825, 4.7651, 0.7942** is the 20% darker color. If you saturate the color by 10%, you get **7.4527, 14.5176, 3.5218**, and if you desaturate by 10%, it is **8.1997, 14.8660, 5.2105**.

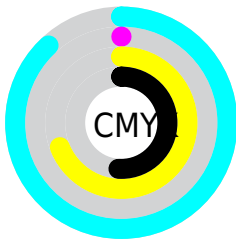
Distribution



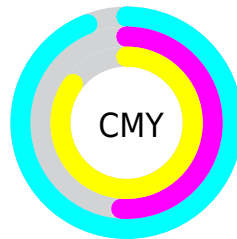
- Red (6%)
- Green (49%)
- Blue (15%)



- Red (6%)
- Yellow (41%)
- Blue (49%)



- Cyan (88%)
- Magenta (0%)
- Yellow (69%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.7545, 14.6568, 4.2541 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 7.7545, 14.6568, 4.2541 by changing the saturation by 10% instead.

■ 7.7545, 14.6568,
4.2541

■ 7.7545, 14.6568,
4.2541

168.2053,
221.2794, 151.0092

■ 3.9887, 8.5789,
1.7658

■ 21.1658, 34.2500,
14.5917

■ 1.6958, 4.4675,
0.4052

■ 31.5420, 48.5340,
23.2780

■ 0.4536, 1.9384,
0.0000

■ 44.8525, 66.3222,
34.8674

■ 0.0000, 0.5713,
0.0000

■ 61.4625, 87.9990,
49.7783

■ 0.0000, 0.0000,
0.0000

■ 81.7375, 113.9487,
68.4295

■ 106.0427,

144.5557, 91.2393

134.7435,
180.2045, 118.6263

■ 7.7545, 14.6568,
4.2541

■ 7.7545, 14.6568,
4.2541

■ 7.4527, 14.5176,
3.5218

■ 8.1997, 14.8660,
5.2105

■ 7.3963, 14.4912,
3.3944

■ 8.8281, 15.1641,
6.4075

■ 9.6582, 15.5608,
7.8604

■ 10.7060, 16.0639,
9.5829

■ 11.9857, 16.6805,
11.5877

■ 13.5103, 17.4172,
13.8867

■ 15.2919, 18.2799,
16.4912

■ 17.3418, 19.2741,
19.4118

■ 19.6706, 20.4052,
22.6587

Harmonies

Analogous

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



10.7651, 14.6568, 1.6525



7.7545, 14.6568, 4.2541



6.4868, 14.6568, 12.1483

Triad

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



7.7545, 14.6568, 4.2541



12.5276, 14.6568, 60.8519



24.8120, 14.6568, 7.9927

Complementary

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



7.7545, 14.6568, 4.2541



10.8323, 5.5665, 12.8153

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.



25.6030, 14.6568, 20.4927



7.7545, 14.6568, 4.2541



17.6633, 14.6568, 57.2036

Square

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



7.7545, 14.6568, 4.2541



8.7817, 14.6568, 47.9993



22.7375, 14.6568, 39.8273



20.7789, 14.6568, 2.7506

Rectangle

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



7.7545, 14.6568, 4.2541



6.5289, 14.6568, 21.8627



22.7375, 14.6568, 39.8273



25.4984, 14.6568, 11.2267

Sweetspot

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



7.7549, 14.6574, 4.2544



24.1515, 30.8316, 24.9954



12.7966, 17.2870, 3.1142



5.4949, 7.1679, 5.6001



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.



7.7549, 14.6574, 4.2544



12.9711, 25.4825, 5.7410



9.3063, 15.2780, 12.4244



3.9823, 4.4625, 4.4407



7.5179, 14.7308, 3.4461



35.6008, 70.1634, 15.0680

Inverse Universe

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



10.8323, 5.5665, 12.8153



18.4418, 9.0665, 20.7706



9.0107, 4.8379, 3.2229



4.1200, 4.0637, 4.8295



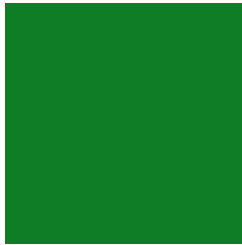
10.6823, 5.2491, 12.1499



50.6372, 24.9112, 56.2788

Previews

White Background



This preview shows how the XYZ color 7.7545, 14.6568, 4.2541 looks on a white background.

Color Contrast Check

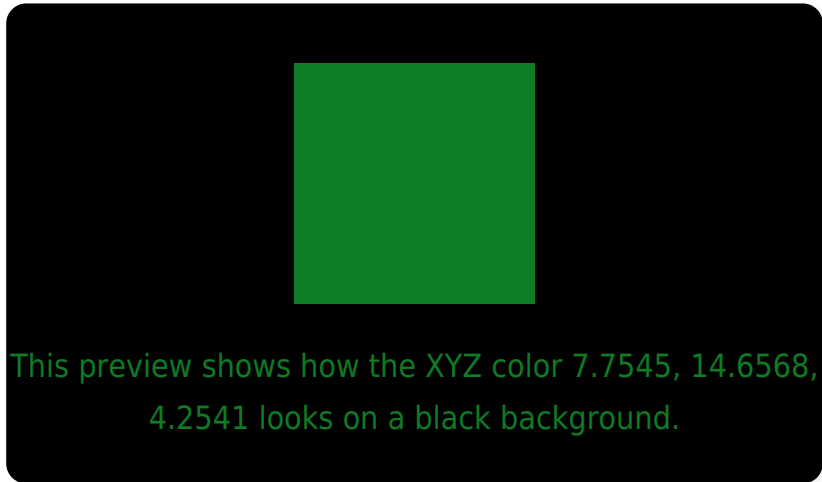
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.7545, 14.6568, 4.2541

Background



This preview shows how black text looks on a background with the XYZ color 7.7545, 14.6568, 4.2541.



This preview shows how white text looks on a background with the XYZ color 7.7545, 14.6568,

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

7.7545, 14.6568, 4.2541

Protanopia

13.1400, 14.5471, 3.5542

Deuteranopia

14.6625, 14.4102, 4.5934



Tritanopia

11.3632, 14.7015, 21.6408

Trichromacy



Original Color

7.7545, 14.6568, 4.2541



Protanomaly

9.6018, 13.6809, 3.7247



Deuteranomaly

10.0245, 13.2355, 4.3119



Tritanomaly

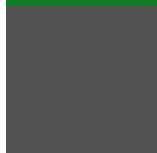
9.4093, 14.4153, 12.6424

Monochromacy



Original Color

7.7545, 14.6568, 4.2541



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

7.0030, 9.8423, 6.6849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.7545, 14.6568, 4.2541 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(15, 124, 38)` looks like.

```
.text, #text, p{  
    color:rgb(15, 124, 38)  
}
```

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(15, 124, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 124, 38) }
```

Border

The CSS property to change the border of an element to XYZ 7.7545, 14.6568, 4.2541 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(15, 124, 38) }
```


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

```
.border{ border-color:rgb(15, 124, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 124, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 124, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 124, 38);  
box-shadow:4px 4px 4px 4px rgb(15, 124,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 7.7545, 14.6568, 4.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 124, 38) }
```

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

```
.background{ background-color: rgb(15, 124,  
38) }
```

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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