

Converting Colors

XYZ(7.7197, 14.3154, 5.4401)

Have a look what the booklet for
XYZ(7.7197, 14.3154, 5.4401)
contains.

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Color

**XYZ(7.6822, 14.2226,
5.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	0A7A33
RGB	10, 122, 51
RGB Percent	4%, 48%, 20%
CMY	0.9608, 0.5216, 0.8000
CMYK	0.92, 0.00, 0.58, 0.52
HSL	142°, 85%, 26%
HSV	142°, 92%, 48%
XYZ	7.6822, 14.2226, 5.4723
YIQ	80.4180, -43.9610, -45.8250

Conversions

Conversions Part 2

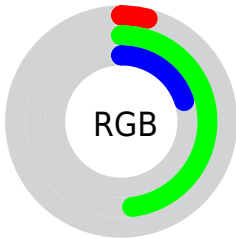
Format	Color
RYB	10, 92, 122
Decimal	686643
CIELab	44.55, -44.81, 30.59
CIELCh	45, 54.257, 145.681
Yxy	14.2226, 0.2806, 0.5195
Android (android.graphics.Color)	4278876723 (0xFF0A7A33)
YUV	80.4180, -14.5031, -61.7566
Hunter-Lab	37.7129, -29.6366, 17.7958

Details

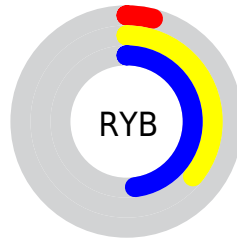
The XYZ color **7.6822, 14.2226, 5.4723** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **9.6200, 4.9488, 8.2325**, and the grayscale version is **7.7404, 8.1435, 8.8683**.

A 20% lighter version of the original color is **21.0857, 33.6570, 17.1895**, and **2.3338, 4.6413, 0.8590** is the 20% darker color. If you saturate the color by 10%, you get **7.4270, 14.1065, 4.7802**, and if you desaturate by 10%, it is **8.0777, 14.4055, 6.4566**.

Distribution



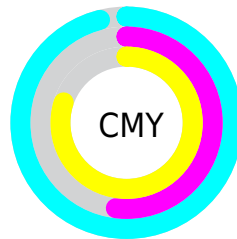
- Red (4%)
- Green (48%)
- Blue (20%)



- Red (4%)
- Yellow (36%)
- Blue (48%)



- Cyan (92%)
- Magenta (0%)
- Yellow (58%)
- Black (52%)





- Cyan (96%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.6822, 14.2226, 5.4723 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 7.6822, 14.2226, 5.4723 by changing the saturation by 10% instead.


 7.6822, 14.2226,
5.4723


 7.6822, 14.2226,
5.4723


167.6419,
218.6113, 163.4036


 3.9424, 8.2756,
2.4634


 21.0245, 33.4835,
17.2837

 1.6696, 4.2718,
0.8207

 31.3576, 47.5662,
26.9233


 0.4371, 1.8268,
0.0000

 44.6192, 65.1296,
39.6103

 0.0000, 0.5038,
0.0000

 61.1747, 86.5582,
55.7630

 0.0000, 0.0000,
0.0000

 81.3893, 112.2362,
75.8002

 105.6285,

142.5481, 100.1404

134.2575,
177.8784, 129.2020

■ 7.6822, 14.2226,
5.4723

■ 7.6822, 14.2226,
5.4723

■ 7.4270, 14.1065,
4.7802

■ 8.0777, 14.4055,
6.4566

■ 8.6300, 14.6654,
7.6030

■ 9.3566, 15.0116,
8.9189

■ 10.2722, 15.4515,
10.4112

■ 11.3898, 15.9918,
12.0860

■ 12.7213, 16.6384,
13.9495

■ 14.2777, 17.3968,
16.0074

■ 16.0691, 18.2721,
18.2651

■ 18.1049, 19.2693,
20.7279

Harmonies

Analogous

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



10.1838, 14.2226, 2.3267



7.6822, 14.2226, 5.4723



6.7336, 14.2226, 13.7380

Triad

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



7.6822, 14.2226, 5.4723



12.8932, 14.2226, 54.1953



22.6285, 14.2226, 7.2022

Complementary

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



7.6822, 14.2226, 5.4723



9.6200, 4.9488, 8.2325

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.



23.7881, 14.2226, 17.3763



7.6822, 14.2226, 5.4723



17.5108, 14.2226, 49.0291

Square

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



7.6822, 14.2226, 5.4723



9.3003, 14.2226, 45.2122



21.7452, 14.2226, 33.4772



18.8503, 14.2226, 2.8794

Rectangle

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



7.6822, 14.2226, 5.4723



6.9174, 14.2226, 22.9717



21.7452, 14.2226, 33.4772



23.3681, 14.2226, 9.8338

Sweetspot

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



7.6825, 14.2232, 5.4726



23.1933, 29.6667, 25.6364



10.5643, 15.7715, 2.7745



5.0945, 6.6818, 5.5804



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.



7.6825, 14.2232, 5.4726



13.0046, 24.7921, 8.0868



9.6451, 15.0082, 15.8075



4.0059, 4.4720, 4.5650



7.8154, 14.8498, 5.0127



36.9021, 70.6839, 21.9201

Inverse Universe

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



9.6200, 4.9488, 8.2325



16.4312, 8.2036, 12.8302



8.3304, 4.4330, 1.4413



4.0952, 4.0538, 4.6988



9.8690, 4.9237, 7.8669



46.6559, 23.3187, 35.3134

Previews

White Background



This preview shows how the XYZ color 7.6822, 14.2226, 5.4723 looks on a white background.

Color Contrast Check

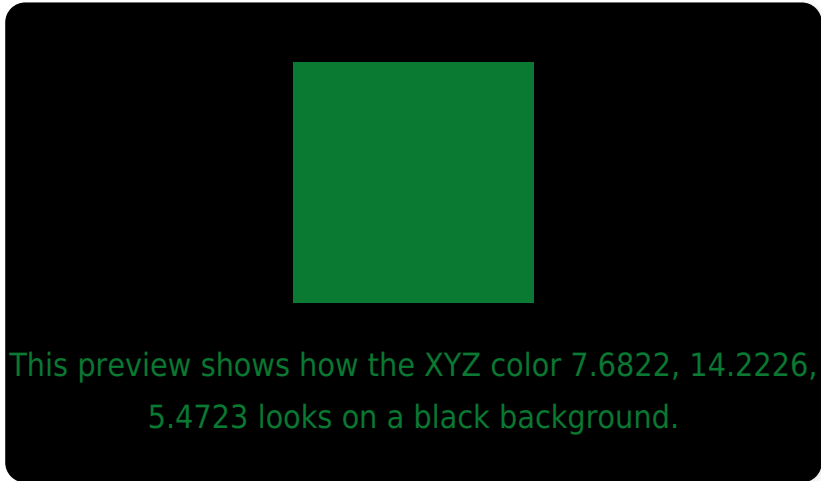
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.6822, 14.2226, 5.4723

Background



This preview shows how black text looks on a background with the XYZ color 7.6822, 14.2226, 5.4723.



This preview shows how white text looks on a background with the XYZ color 7.6822, 14.2226, 5.4723.

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

7.6822, 14.2226, 5.4723

Protanopia

12.8808, 14.0823, 4.6240

Deuteranopia

14.1978, 13.9989, 5.8247



Tritanopia

11.0354, 14.3697, 21.2608

Trichromacy



Original Color

7.6822, 14.2226, 5.4723



Protanomaly

9.3598, 13.2020, 4.8512



Deuteranomaly

9.7985, 12.9323, 5.5942



Tritanomaly

9.3292, 14.1773, 13.5540

Monochromacy



Original Color

7.6822, 14.2226, 5.4723



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

6.7419, 9.4263, 7.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.6822, 14.2226, 5.4723 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(10, 122, 51)` looks like.

```
.text, #text, p{  
    color:rgb(10, 122, 51)  
}
```

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(10, 122, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 122, 51) }
```

Border

The CSS property to change the border of an element to XYZ 7.6822, 14.2226, 5.4723 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(10, 122, 51) }
```


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

```
.border{ border-color:rgb(10, 122, 51) }
```

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

Here you see how a box with a 4 pixel rgb(10, 122, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 122, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 122, 51);  
box-shadow:4px 4px 4px 4px rgb(10, 122,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 7.6822, 14.2226, 5.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 122, 51) }
```

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

```
.background{ background-color: rgb(10, 122,  
51) }
```

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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