

Converting Colors

XYZ(15.2393, 15.4846, 10.1650)

Have a look what the booklet for
XYZ(15.2393, 15.4846, 10.1650)
contains.

XYZ(15.2381, 15.4846, 10.1683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.2381, 15.4846,
10.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6B52
RGB	125, 107, 82
RGB Percent	49%, 42%, 32%
CMY	0.5098, 0.5804, 0.6784
CMYK	0.00, 0.14, 0.34, 0.51
HSL	35°, 21%, 41%
HSV	35°, 34%, 49%
XYZ	15.2381, 15.4846, 10.1683
YIQ	109.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

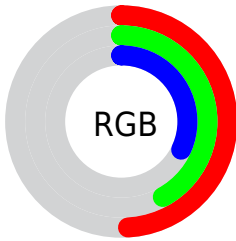
Format	Color
RYB	113, 125, 82
Decimal	8219474
CIELab	46.29, 3.13, 16.66
CIELCh	46, 16.951, 79.365
Yxy	15.4846, 0.3727, 0.3787
Android (android.graphics.Color)	4286409554 (0xFF7D6B52)
YUV	109.5320, -13.5733, 13.5654
Hunter-Lab	39.3505, 0.2591, 12.2246

Details

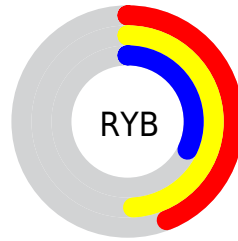
The XYZ color **15.2381, 15.4846, 10.1683** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.7383, 12.3883, 21.1744**, and the grayscale version is **14.7212, 15.4879, 16.8663**.

A 20% lighter version of the original color is **34.7518, 35.5846, 26.8667**, and **4.8514, 4.8611, 2.4329** is the 20% darker color. If you saturate the color by 10%, you get **14.2762, 14.2539, 7.7109**, and if you desaturate by 10%, it is **16.3205, 16.8174, 13.0938**.

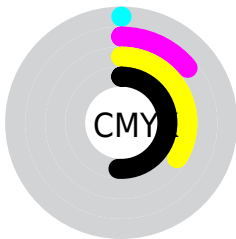
Distribution



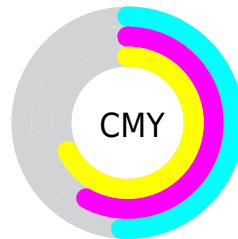
- Red (49%)
- Green (42%)
- Blue (32%)



- Red (44%)
- Yellow (49%)
- Blue (32%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2381, 15.4846, 10.1683 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 15.2381, 15.4846, 10.1683 by changing the saturation by 10% instead.

■ 15.2381, 15.4846,
10.1683

■ 15.2381, 15.4846,
10.1683

218.1628,
226.2809, 202.3973

■ 9.0741, 9.1602,
5.4036

■ 34.8386, 35.7011,
26.7243

■ 4.8470, 4.8458,
2.4231

■ 49.0057, 50.3620,
39.3528

■ 2.1916, 2.1571,
0.7990

■ 66.5713, 68.5705,
55.4395

■ 0.7383, 0.6964,
0.0000

■ 87.9006, 90.7110,
75.4032

■ 0.0000, 0.0000,
0.0000

■ 113.3591,
117.1679, 99.6622

143.3120,

148.3256, 128.6353

178.1248,
184.5685, 162.7408

■ 15.2381, 15.4846,
10.1683

■ 15.2381, 15.4846,
10.1683

■ 14.2762, 14.2539,
7.7109

■ 16.3205, 16.8174,
13.0938

■ 13.4283, 13.1201,
5.6957

■ 17.5271, 18.2531,
16.5096

■ 12.6891, 12.0807,
4.0956

■ 18.8629, 19.7951,
20.4375

■ 12.0521, 11.1322,
2.8801

■ 20.3323, 21.4459,
24.8979

■ 11.5103, 10.2707,
2.0146

■ 21.9394, 23.2082,
29.9099

■ 11.0537, 9.4912,
1.4504

■ 23.6882, 25.0842,
35.4918

■ 10.8193, 9.0837,
1.1831

■ 25.5824, 27.0762,
41.6609

■ 27.6256, 29.1867,
48.4338

■ 29.8213, 31.4175,
55.8266

Harmonies

Analogous

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



16.6086, 15.4846, 11.4986



15.2381, 15.4846, 10.1683



13.8126, 15.4846, 10.3945

Triad

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



15.2381, 15.4846, 10.1683



12.2414, 15.4846, 19.6481



16.9359, 15.4846, 22.6116

Complementary

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



15.2381, 15.4846, 10.1683



11.7383, 12.3883, 21.1744

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.



15.6614, 15.4846, 25.5686



15.2381, 15.4846, 10.1683



12.9760, 15.4846, 23.6728

Square

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



15.2381, 15.4846, 10.1683



12.1445, 15.4846, 15.4293



14.2092, 15.4846, 25.9860



17.6307, 15.4846, 18.3767

Rectangle

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



15.2381, 15.4846, 10.1683



13.0195, 15.4846, 11.4107



14.2092, 15.4846, 25.9860



16.5573, 15.4846, 23.8157

Sweetspot

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



15.2385, 15.4853, 10.1686



32.3529, 33.8117, 32.3755



13.8058, 11.3271, 13.6767



7.2976, 7.6196, 7.1842



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.



15.2385, 15.4853, 10.1686



25.9612, 26.0402, 14.7939



16.9015, 19.4236, 10.8411



4.5192, 4.7270, 4.5943



11.2851, 9.4666, 1.2324



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.7383, 12.3883, 21.1744



18.7273, 19.6426, 37.5487



10.4533, 9.4405, 20.6732



4.2452, 4.4845, 5.4551



5.1531, 4.1247, 20.7745



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2381, 15.4846, 10.1683 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 15.2381, 15.4846, 10.1683

Background



This preview shows how black text looks on a background with the XYZ color 15.2381, 15.4846, 10.1683.



This preview shows how white text looks on a background with the XYZ color 15.2381, 15.4846,

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

15.2381, 15.4846, 10.1683

Protanopia

14.4734, 15.5583, 10.4238

Deuteranopia

15.6278, 15.3795, 10.1275



Tritanopia

16.6216, 15.4374, 17.1426

Trichromacy



Original Color

15.2381, 15.4846, 10.1683

Protanomaly

14.7757, 15.5549, 10.4072

Deuteranomaly

15.5791, 15.5065, 10.1546

Tritanomaly

16.0030, 15.3328, 14.1727

Monochromacy



Original Color

15.2381, 15.4846, 10.1683

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8391, 15.5022, 14.2667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2381, 15.4846, 10.1683 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(125, 107, 82)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 82)  
}
```

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(125, 107, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.2381, 15.4846, 10.1683 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(125, 107, 82) }
```


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

```
.border{ border-color:rgb(125, 107, 82) }
```

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

Here you see how a box with a 4 pixel rgb(125, 107, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 82);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2381, 15.4846, 10.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 82) }
```

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

```
.background{ background-color: rgb(125,  
107, 82) }
```

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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