

Converting Colors

XYZ(15.1424, 18.2957, 16.6610)

Have a look what the booklet for
XYZ(15.1424, 18.2957, 16.6610)
contains.

XYZ(15.2430, 18.4381, 16.6654)	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(15.2430, 18.4381,
16.6654)**

Conversions

Conversions Part 1

Format	Color
Hex	647D6B
RGB	100, 125, 107
RGB Percent	39%, 49%, 42%
CMY	0.6078, 0.5098, 0.5804
CMYK	0.20, 0.00, 0.14, 0.51
HSL	137°, 11%, 44%
HSV	137°, 20%, 49%
XYZ	15.2430, 18.4381, 16.6654
YIQ	115.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

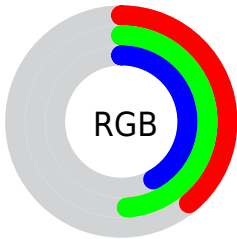
Format	Color
RYB	100, 120, 125
Decimal	6585707
CIELab	50.02, -12.93, 6.85
CIELCh	50, 14.633, 152.087
Yxy	18.4381, 0.3028, 0.3662
Android (android.graphics.Color)	4284775787 (0xFF647D6B)
YUV	115.4730, -4.1772, -13.5698
Hunter-Lab	42.9396, -11.7791, 7.0465

Details

The XYZ color **15.2430, 18.4381, 16.6654** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2853, 14.7828, 19.1355**, and the grayscale version is **16.4542, 17.3111, 18.8518**.

A 20% lighter version of the original color is **34.8544, 40.8887, 38.4030**, and **4.8683, 6.2520, 5.2251** is the 20% darker color. If you saturate the color by 10%, you get **13.5160, 17.6002, 14.2402**, and if you desaturate by 10%, it is **17.2325, 19.4066, 19.3610**.

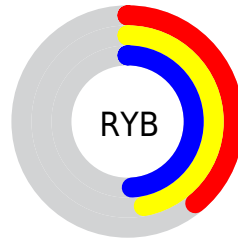
Distribution



Red (39%)

Green (49%)

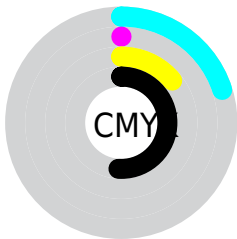
Blue (42%)



Red (39%)

Yellow (47%)

Blue (49%)

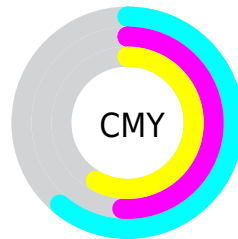


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2430, 18.4381, 16.6654 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 15.2430, 18.4381, 16.6654 by changing the saturation by 10% instead.

■ 15.2430, 18.4381,
16.6654

■ 15.2430, 18.4381,
16.6654

218.1917,
243.3289, 245.2151

■ 9.0775, 11.2650,
9.8368

■ 34.8471, 40.7824,
38.5323

■ 4.8493, 6.2454,
5.1867

■ 49.0164, 56.7224,
54.4077

■ 2.1930, 2.9948,
2.2966

■ 66.5844, 76.3535,
74.1358

■ 0.7390, 1.1290,
0.7293

■ 87.9164, 100.0601,
98.1350

■ 0.0000, 0.0026,
0.0000

113.3778,
128.2265, 126.8241

■ 0.0000, 0.0000,
0.0000

143.3339,

161.2372, 160.6214

178.1501,
199.4765, 199.9455

■ 15.2430, 18.4381,
16.6654

■ 15.2430, 18.4381,
16.6654

■ 13.5160, 17.6002,
14.2402

■ 17.2325, 19.4066,
19.3610

■ 12.0388, 16.8851,
12.0758

■ 19.4934, 20.5087,
22.3339

■ 10.8000, 16.2875,
10.1639

■ 22.0362, 21.7501,
25.5919

■ 9.7867, 15.8010,
8.4951

■ 24.8702, 23.1354,
29.1426

■ 8.9844, 15.4183,
7.0597

■ 28.0043, 24.6692,
32.9929

■ 8.3774, 15.1316,
5.8471

■ 31.4472, 26.3556,
37.1498

■ 7.9472, 14.9316,
4.8458

■ 35.2069, 28.1987,
41.6197

■ 7.6373, 14.7893,
4.0420

■ 39.2915, 30.2026,
46.4093

■ 43.7084, 32.3710,
51.5246

Harmonies

Analogous

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



16.1278, 18.4381, 14.2051



15.2430, 18.4381, 16.6654



14.9598, 18.4381, 20.3592

Triad

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



15.2430, 18.4381, 16.6654



17.6235, 18.4381, 28.8492



19.9164, 18.4381, 16.2379

Complementary

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



15.2430, 18.4381, 16.6654



16.2853, 14.7828, 19.1355

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.



20.3675, 18.4381, 19.7954



15.2430, 18.4381, 16.6654



19.0004, 18.4381, 27.3756

Square

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



15.2430, 18.4381, 16.6654



16.2896, 18.4381, 27.7237



20.0238, 18.4381, 23.9227



18.8211, 18.4381, 13.9824

Rectangle

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



15.2430, 18.4381, 16.6654



15.1374, 18.4381, 23.1300



20.0238, 18.4381, 23.9227



20.1510, 18.4381, 17.3034

Sweetspot

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



15.2435, 18.4389, 16.6658



32.3602, 35.4829, 36.6622



17.1512, 19.4632, 14.9097



7.3156, 8.0491, 8.2798



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.



15.2435, 18.4389, 16.6658



25.8226, 32.3022, 27.7949



15.9296, 18.7133, 20.2785



4.3217, 4.8370, 4.8653



7.9679, 15.4338, 4.2039



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2853, 14.7828, 19.1355



28.0436, 24.5057, 33.0583



15.6081, 14.5119, 15.5691



4.4484, 4.3925, 5.1658



10.7502, 5.3198, 10.5404



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2430, 18.4381, 16.6654 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2430, 18.4381, 16.6654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

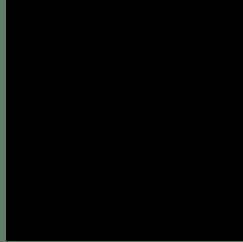
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2430, 18.4381, 16.6654

Background



This preview shows how black text looks on a background with the XYZ color 15.2430, 18.4381, 16.6654.

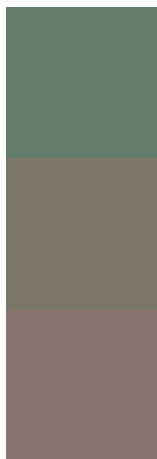


This preview shows how white text looks on a background with the XYZ color 15.2430, 18.4381,

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

15.2430, 18.4381, 16.6654

Protanopia

17.2893, 18.2414, 15.7064

Deuteranopia

18.7226, 18.4339, 17.0393



Tritanopia

16.7652, 18.5008, 24.1601

Trichromacy



Original Color

15.2430, 18.4381, 16.6654

Protanomaly

16.4574, 18.3395, 16.0371

Deuteranomaly

17.3296, 18.4139, 16.8282

Tritanomaly

16.1893, 18.4546, 21.1212

Monochromacy



Original Color

15.2430, 18.4381, 16.6654

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9519, 17.6785, 17.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2430, 18.4381, 16.6654 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(100, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(100, 125, 107)  
}
```

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(100, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 125, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.2430, 18.4381, 16.6654 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(100, 125, 107) }
```


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

```
.border{ border-color:rgb(100, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(100, 125,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2430, 18.4381, 16.6654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 125, 107) }
```

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

```
.background{ background-color: rgb(100,  
125, 107) }
```

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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