

Converting Colors

XYZ(15.6690, 18.6646, 7.8610)

Have a look what the booklet for
XYZ(15.6690, 18.6646, 7.8610)
contains.

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Color

**XYZ(15.6622, 18.6602,
7.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	767C42
RGB	118, 124, 66
RGB Percent	46%, 49%, 26%
CMY	0.5373, 0.5137, 0.7412
CMYK	0.05, 0.00, 0.47, 0.51
HSL	66°, 31%, 37%
HSV	66°, 47%, 49%
XYZ	15.6622, 18.6602, 7.9305
YIQ	115.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

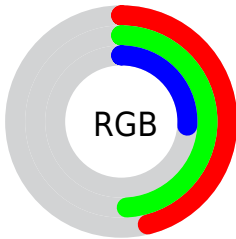
Format	Color
RYB	66, 124, 72
Decimal	7765058
CIELab	50.29, -11.60, 30.76
CIElCh	50, 32.879, 110.660
Yxy	18.6602, 0.3707, 0.4416
Android (android.graphics.Color)	4285955138 (0xFF767C42)
YUV	115.5940, -24.4498, 2.1101
Hunter-Lab	43.1975, -10.8764, 19.3533

Details

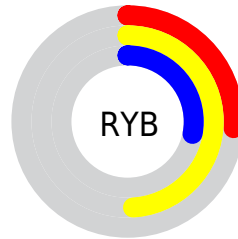
The XYZ color **15.6622, 18.6602, 7.9305** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2595, 6.7298, 19.9336**, and the grayscale version is **16.5458, 17.4074, 18.9567**.

A 20% lighter version of the original color is **35.4144, 40.9464, 22.2566**, and **5.0262, 6.3116, 1.6152** is the 20% darker color. If you saturate the color by 10%, you get **15.1626, 18.4410, 6.2014**, and if you desaturate by 10%, it is **16.2444, 18.9140, 10.0781**.

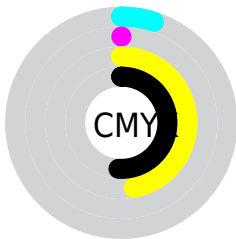
Distribution



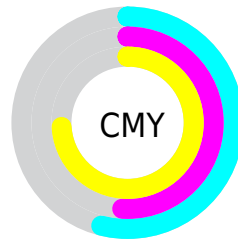
- Red (46%)
- Green (49%)
- Blue (26%)



- Red (26%)
- Yellow (49%)
- Blue (28%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6622, 18.6602, 7.9305 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 15.6622, 18.6602, 7.9305 by changing the saturation by 10% instead.

■ 15.6622, 18.6602,
7.9305

■ 15.6622, 18.6602,
7.9305

■ 220.6499,
244.5664, 185.1001

■ 9.3748, 11.4250,
3.9634

■ 35.5730, 41.1591,
22.3660

■ 5.0455, 6.3535,
1.6053

■ 49.9270, 57.1916,
33.6715

■ 2.3090, 3.0612,
0.2946

■ 67.7006, 76.9254,
48.2601

■ 0.7993, 1.1638,
0.0000

■ 89.2592, 100.7448,
66.5505

■ 0.0000, 0.0318,
0.0000

■ 114.9680,
129.0342, 88.9611

■ 0.0000, 0.0000,
0.0000

145.1925,

162.1780, 115.9106

180.2980,
200.5606, 147.8174

■ 15.6622, 18.6602,
7.9305

■ 15.6622, 18.6602,
7.9305

■ 15.1626, 18.4410,
6.2014

■ 16.2444, 18.9140,
10.0781

■ 14.7391, 18.2519,
4.8624

■ 16.9124, 19.2018,
12.6677

■ 14.3862, 18.0913,
3.8832

■ 17.6713, 19.5261,
15.7228

■ 14.0974, 17.9566,
3.2290

■ 18.5249, 19.8887,
19.2646

■ 13.8590, 17.8423,
2.8283

■ 19.4772, 20.2910,
23.3131

■ 13.7848, 17.8066,
2.7105

■ 20.5317, 20.7344,
27.8872

■ 21.6917, 21.2204,
33.0047

■ 22.9607, 21.7502,
38.6828

■ 24.3416, 22.3251,
44.9377

Harmonies

Analogous

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



18.7483, 18.6602, 7.4619



15.6622, 18.6602, 7.9305



13.4095, 18.6602, 11.1058

Triad

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



15.6622, 18.6602, 7.9305



14.1308, 18.6602, 37.1209



24.4896, 18.6602, 23.2986

Complementary

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



15.6622, 18.6602, 7.9305



8.2595, 6.7298, 19.9336

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.



22.9053, 18.6602, 33.5842



15.6622, 18.6602, 7.9305



16.7607, 18.6602, 42.9973

Square

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



15.6622, 18.6602, 7.9305



12.6016, 18.6602, 27.1539



19.9851, 18.6602, 41.5384



24.1041, 18.6602, 14.7376

Rectangle

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



15.6622, 18.6602, 7.9305



12.5632, 18.6602, 15.0463



19.9851, 18.6602, 41.5384



24.1633, 18.6602, 26.6958

Sweetspot

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



15.6627, 18.6610, 7.9309



31.4467, 34.5090, 29.1086



11.6006, 9.2878, 6.3358



7.3445, 8.1011, 6.6020



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.



15.6627, 18.6610, 7.9309



26.6364, 32.4302, 10.7643



12.3307, 16.9434, 7.7750



4.2688, 4.6139, 4.2901



14.0115, 18.1004, 2.7552



66.4161, 86.1242, 13.1231

Inverse Universe

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



8.2595, 6.7298, 19.9336



11.9436, 8.7329, 34.6127



10.9313, 8.1072, 20.0586



3.8326, 3.9116, 4.9962



3.8635, 1.5645, 19.4836



18.0715, 7.2782, 92.9221

Previews

White Background



This preview shows how the XYZ color 15.6622, 18.6602, 7.9305 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 15.6622, 18.6602, 7.9305 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

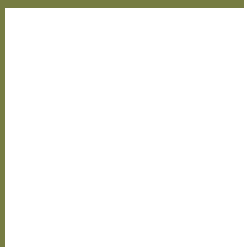
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6622, 18.6602, 7.9305

Background



This preview shows how black text looks on a background with the XYZ color 15.6622, 18.6602, 7.9305.



This preview shows how white text looks on a background with the XYZ color 15.6622, 18.6602,

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

15.6622, 18.6602, 7.9305

Protanopia

17.1576, 18.7086, 7.5573

Deuteranopia

18.9148, 18.5630, 8.0549



Tritanopia

18.5846, 18.5889, 22.3472

Trichromacy



Original Color

15.6622, 18.6602, 7.9305

Protanomaly

16.5439, 18.5684, 7.7131

Deuteranomaly

17.6449, 18.5964, 7.9697

Tritanomaly

17.2412, 18.5700, 15.7724

Monochromacy



Original Color

15.6622, 18.6602, 7.9305

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1375, 17.8574, 14.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6622, 18.6602, 7.9305 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(118, 124, 66)` looks like.

```
.text, #text, p{  
    color:rgb(118, 124, 66)  
}
```

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(118, 124, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 124, 66) }
```

Border

The CSS property to change the border of an element to XYZ 15.6622, 18.6602, 7.9305 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(118, 124, 66) }
```


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

```
.border{ border-color:rgb(118, 124, 66) }
```

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

Here you see how a box with a 4 pixel rgb(118, 124, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 124, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 124, 66);  
box-shadow:4px 4px 4px 4px rgb(118, 124,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6622, 18.6602, 7.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 124, 66) }
```

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

```
.background{ background-color: rgb(118,  
124, 66) }
```

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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