

Converting Colors

XYZ(15.5717, 18.5052, 12.8773)

Have a look what the booklet for
XYZ(15.5717, 18.5052, 12.8773)
contains.

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Color

**XYZ(15.5698, 18.5030,
12.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7C5C
RGB	110, 124, 92
RGB Percent	43%, 49%, 36%
CMY	0.5686, 0.5137, 0.6392
CMYK	0.11, 0.00, 0.26, 0.51
HSL	86°, 15%, 42%
HSV	86°, 26%, 49%
XYZ	15.5698, 18.5030, 12.8760
YIQ	116.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

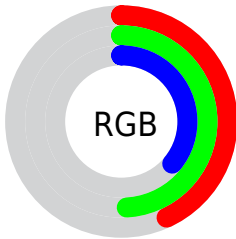
Format	Color
R_{YB}	92, 124, 106
Decimal	7240796
CIE _{Lab}	50.10, -11.34, 15.80
CIE _{LCh}	50, 19.445, 125.661
Yxy	18.5030, 0.3316, 0.3941
Android (android.graphics.Color)	4285430876 (0xFF6E7C5C)
YUV	116.1660, -11.9138, -5.4076
Hunter-Lab	43.0151, -10.6664, 12.3629

Details

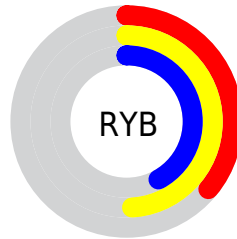
The XYZ color **15.5698, 18.5030, 12.8760** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.4098, 12.1742, 20.7129**, and the grayscale version is **16.6868, 17.5558, 19.1182**.

A 20% lighter version of the original color is **35.5049, 41.0787, 31.6489**, and **4.9958, 6.2535, 3.5285** is the 20% darker color. If you saturate the color by 10%, you get **14.4171, 17.9669, 10.2204**, and if you desaturate by 10%, it is **16.8536, 19.0975, 16.0018**.

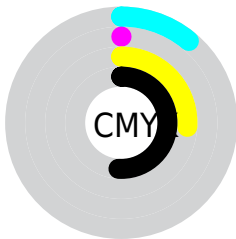
Distribution



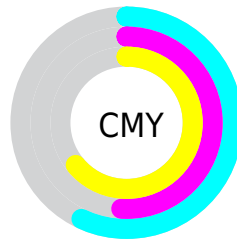
- Red (43%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5698, 18.5030, 12.8760 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 15.5698, 18.5030, 12.8760 by changing the saturation by 10% instead.

■ 15.5698, 18.5030,
12.8760

■ 15.5698, 18.5030,
12.8760

220.1103,
243.6911, 221.3013

■ 9.3092, 11.3117,
7.2135

■ 35.4132, 40.8926,
31.7687

■ 5.0021, 6.2769,
3.5155

■ 49.7267, 56.8597,
45.8361

■ 2.2833, 3.0142,
1.3635

■ 67.4553, 76.5208,
63.5421

■ 0.7861, 1.1391,
0.1130

■ 88.9641, 100.2604,
85.3053

■ 0.0000, 0.0111,
0.0000

114.6187,
128.4628, 111.5443

■ 0.0000, 0.0000,
0.0000

144.7844,

161.5125, 142.6776

179.8264,
199.7938, 179.1237

■ 15.5698, 18.5030,
12.8760

■ 15.5698, 18.5030,
12.8760

■ 14.4171, 17.9669,
10.2204

■ 16.8536, 19.0975,
16.0018

■ 13.3890, 17.4847,
8.0110

■ 18.2717, 19.7500,
19.6177

■ 12.4805, 17.0550,
6.2235

■ 19.8291, 20.4632,
23.7440

■ 11.6858, 16.6753,
4.8309

■ 21.5302, 21.2388,
28.3996

■ 10.9983, 16.3429,
3.8031

■ 23.3788, 22.0786,
33.6024

■ 10.4106, 16.0548,
3.1054

■ 25.3789, 22.9841,
39.3692

■ 9.9104, 15.8059,
2.6778

■ 27.5342, 23.9570,
45.7165

■ 9.7154, 15.7087,
2.5200

■ 29.8483, 24.9986,
52.6597

■ 32.3247, 26.1106,
60.2141

Harmonies

Analogous

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



17.2338, 18.5030, 11.5285



15.5698, 18.5030, 12.8760



14.5056, 18.5030, 16.1885

Triad

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



15.5698, 18.5030, 12.8760



16.1439, 18.5030, 31.0785



21.4185, 18.5030, 19.1464

Complementary

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



15.5698, 18.5030, 12.8760



13.4098, 12.1742, 20.7129

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.



21.0754, 18.5030, 24.7025



15.5698, 18.5030, 12.8760



17.9441, 18.5030, 32.2494

Square

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



15.5698, 18.5030, 12.8760



14.8203, 18.5030, 26.7763



19.7703, 18.5030, 29.7401



20.6773, 18.5030, 14.7129

Rectangle

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



15.5698, 18.5030, 12.8760



14.2350, 18.5030, 19.3764



19.7703, 18.5030, 29.7401



21.4268, 18.5030, 20.9369

Sweetspot

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



15.5703, 18.5038, 12.8764



31.5358, 34.4705, 32.9246



15.3849, 15.3390, 12.2753



7.3488, 8.0823, 7.5528



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.



15.5703, 18.5038, 12.8764



26.1686, 31.9888, 19.7904



13.7697, 17.5756, 12.7921



4.1464, 4.5508, 4.2843



9.8731, 15.9670, 2.5616



46.1051, 75.6535, 12.1726

Inverse Universe

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



13.4098, 12.1742, 20.7129



21.6862, 18.8540, 36.0528



15.4731, 13.2378, 20.8094



3.9486, 3.9714, 5.0016



5.2562, 2.2824, 19.5488



24.1302, 10.4016, 93.2057

Previews

White Background



This preview shows how the XYZ color 15.5698, 18.5030, 12.8760 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 15.5698, 18.5030, 12.8760 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

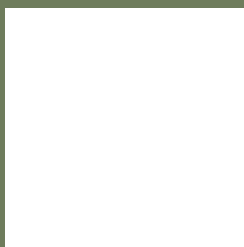
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5698, 18.5030, 12.8760

Background



This preview shows how black text looks on a background with the XYZ color 15.5698, 18.5030, 12.8760.



This preview shows how white text looks on a background with the XYZ color 15.5698, 18.5030,

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

15.5698, 18.5030, 12.8760

Protanopia

17.1947, 18.4439, 12.3266

Deuteranopia

18.6852, 18.3317, 13.1432



Tritanopia

17.6295, 18.4235, 23.3958

Trichromacy



Original Color

15.5698, 18.5030, 12.8760

Protanomaly

16.6109, 18.4950, 12.5919

Deuteranomaly

17.3563, 18.3364, 12.9804

Tritanomaly

16.7998, 18.4464, 19.1981

Monochromacy



Original Color

15.5698, 18.5030, 12.8760

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1901, 17.8326, 16.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5698, 18.5030, 12.8760 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(110, 124, 92)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 92)  
}
```

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(110, 124, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.5698, 18.5030, 12.8760 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(110, 124, 92) }
```


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

```
.border{ border-color:rgb(110, 124, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 92);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5698, 18.5030, 12.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 92) }
```

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

```
.background{ background-color: rgb(110,  
124, 92) }
```

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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