

Converting Colors

XYZ(15.1758, 18.3273, 14.0547)

Have a look what the booklet for
XYZ(15.1758, 18.3273, 14.0547)
contains.

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Color

**XYZ(15.1910, 18.2816,
14.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	697C61
RGB	105, 124, 97
RGB Percent	41%, 49%, 38%
CMY	0.5882, 0.5137, 0.6196
CMYK	0.15, 0.00, 0.22, 0.51
HSL	102°, 12%, 43%
HSV	102°, 22%, 49%
XYZ	15.1910, 18.2816, 14.0373
YIQ	115.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

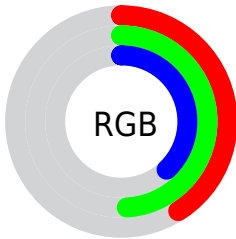
Format	Color
R_{YB}	97, 124, 116
Decimal	6913121
CIE _{Lab}	49.84, -12.43, 12.48
CIE _{LCh}	50, 17.612, 134.900
Yxy	18.2816, 0.3197, 0.3848
Android (android.graphics.Color)	4285103201 (0xFF697C61)
YUV	115.2410, -8.9928, -8.9814
Hunter-Lab	42.7570, -11.4060, 10.4647

Details

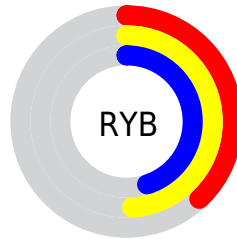
The XYZ color **15.1910, 18.2816, 14.0373** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **15.1160, 13.7181, 20.9209**, and the grayscale version is **16.3963, 17.2502, 18.7854**.

A 20% lighter version of the original color is **34.7777, 40.6503, 34.0303**, and **4.8010, 6.1410, 4.0643** is the 20% darker color. If you saturate the color by 10%, you get **13.6846, 17.5672, 11.1810**, and if you desaturate by 10%, it is **16.8940, 19.0879, 17.3755**.

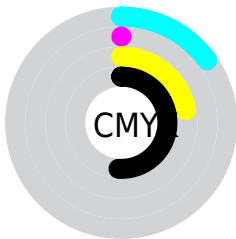
Distribution



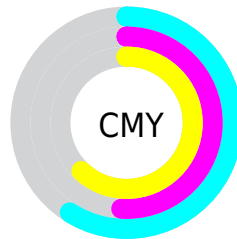
- Red (41%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (49%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (59%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1910, 18.2816, 14.0373 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 15.1910, 18.2816, 14.0373 by changing the saturation by 10% instead.

■ 15.1910, 18.2816,
14.0373

■ 15.1910, 18.2816,
14.0373

217.8849,
242.4535, 228.8992

■ 9.0407, 11.1524,
8.0076

■ 34.7568, 40.5166,
33.8733

■ 4.8251, 6.1694,
4.0119

■ 48.9031, 56.3911,
48.5166

■ 2.1787, 2.9484,
1.6319

■ 66.4454, 75.9495,
66.8682

■ 0.7315, 1.1048,
0.3134

■ 87.7491, 99.5762,
89.3466

■ 0.0000, 0.0000,
0.0000

113.1795,
127.6555, 116.3704

143.1021,

160.5719, 148.3581

177.8821,
198.7098, 185.7282

■ 15.1910, 18.2816,
14.0373

■ 15.1910, 18.2816,
14.0373

■ 13.6846, 17.5672,
11.1810

■ 16.8940, 19.0879,
17.3755

■ 12.3660, 16.9392,
8.7831

■ 18.7990, 19.9870,
21.2150

■ 11.2279, 16.3947,
6.8201

■ 20.9132, 20.9826,
25.5760

■ 10.2618, 15.9301,
5.2658

■ 23.2428, 22.0775,
30.4767

■ 9.4585, 15.5412,
4.0913

■ 25.7939, 23.2744,
35.9349

■ 8.8081, 15.2235,
3.2639

■ 28.5722, 24.5761,
41.9674

■ 8.2989, 14.9719,
2.7454

■ 31.5832, 25.9848,
48.5902

■ 7.9615, 14.8045,
2.4379

■ 34.8323, 27.5032,
55.8188

■ 38.3247, 29.1335,
63.6680

Harmonies

Analogous

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



16.5574, 18.2816, 12.2270



15.1910, 18.2816, 14.0373



14.4360, 18.2816, 17.5881

Triad

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



15.1910, 18.2816, 14.0373



16.5469, 18.2816, 30.2582



20.6939, 18.2816, 17.6168

Complementary

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



15.1910, 18.2816, 14.0373



15.1160, 13.7181, 20.9209

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.



20.6906, 18.2816, 22.4181



15.1910, 18.2816, 14.0373



18.2214, 18.2816, 30.2693

Square

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



15.1910, 18.2816, 14.0373



15.1837, 18.2816, 27.1884



19.7613, 18.2816, 27.2165



19.7700, 18.2816, 14.0554

Rectangle

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



15.1910, 18.2816, 14.0373



14.3479, 18.2816, 20.7076



19.7613, 18.2816, 27.2165



20.8030, 18.2816, 19.1245

Sweetspot

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



15.1915, 18.2824, 14.0377



31.2281, 34.2971, 33.5775



16.7044, 17.6167, 13.8295



7.3207, 8.0614, 7.8397



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.



15.1915, 18.2824, 14.0377



25.4061, 31.5423, 22.1646



14.5561, 17.9247, 15.3676



4.0522, 4.5022, 4.2799



8.0909, 15.0482, 2.4782



37.8372, 71.3912, 11.7857

Inverse Universe

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



15.1160, 13.7181, 20.9209



25.2475, 22.0479, 36.4816



15.8933, 14.1573, 19.2228



4.0443, 4.0207, 5.0061



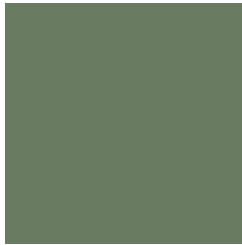
7.7166, 3.5508, 19.6640



35.9242, 16.4816, 93.7576

Previews

White Background



This preview shows how the XYZ color 15.1910, 18.2816, 14.0373 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



This preview shows how the XYZ color 15.1910, 18.2816, 14.0373 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 15.1910, 18.2816, 14.0373

Background



This preview shows how black text looks on a background with the XYZ color 15.1910, 18.2816, 14.0373.



This preview shows how white text looks on a background with the XYZ color 15.1910, 18.2816,

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

15.1910, 18.2816, 14.0373

Protanopia

17.1030, 18.2006, 13.2013

Deuteranopia

18.4228, 18.1697, 14.3405



Tritanopia

17.1093, 18.3329, 23.4057

Trichromacy



Original Color

15.1910, 18.2816, 14.0373

Protanomaly

16.2532, 18.1107, 13.4656

Deuteranomaly

17.1405, 18.1987, 14.1646

Tritanomaly

16.2326, 18.1472, 19.4768

Monochromacy



Original Color

15.1910, 18.2816, 14.0373

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7408, 17.4191, 16.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1910, 18.2816, 14.0373 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(105, 124, 97)` looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 97)  
}
```

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(105, 124, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.1910, 18.2816, 14.0373 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(105, 124, 97) }
```


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

```
.border{ border-color:rgb(105, 124, 97) }
```

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

Here you see how a box with a 4 pixel rgb(105, 124, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 124, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 124, 97);  
box-shadow:4px 4px 4px 4px rgb(105, 124,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1910, 18.2816, 14.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 97) }
```

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

```
.background{ background-color: rgb(105,  
124, 97) }
```

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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