

Converting Colors

XYZ(13.8081, 15.0813, 13.9088)

Have a look what the booklet for
XYZ(13.8081, 15.0813, 13.9088)
contains.

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Color

**XYZ(13.8915, 15.1785,
14.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6E63
RGB	107, 110, 99
RGB Percent	42%, 43%, 39%
CMY	0.5804, 0.5686, 0.6118
CMYK	0.03, 0.00, 0.10, 0.57
HSL	76°, 5%, 41%
HSV	76°, 10%, 43%
XYZ	13.8915, 15.1785, 14.0020
YIQ	107.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

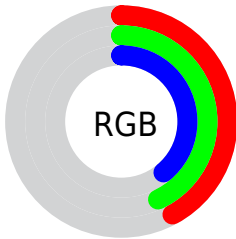
Format	Color
R_{YB}	99, 110, 102
Decimal	7040611
CIE _{Lab}	45.88, -3.34, 5.74
CIE _{LCh}	46, 6.637, 120.212
Yxy	15.1785, 0.3225, 0.3524
Android (android.graphics.Color)	4285230691 (0xFF6B6E63)
YUV	107.8490, -4.3626, -0.7446
Hunter-Lab	38.9596, -4.5330, 5.9630

Details

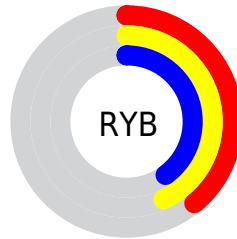
The XYZ color **13.8915, 15.1785, 14.0020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7563, 12.8747, 16.5653**, and the grayscale version is **14.2234, 14.9641, 16.2959**.

A 20% lighter version of the original color is **32.5259, 35.3118, 33.9557**, and **4.2836, 4.7727, 4.0636** is the 20% darker color. If you saturate the color by 10%, you get **13.0466, 14.8001, 11.4018**, and if you desaturate by 10%, it is **14.8214, 15.5934, 16.9809**.

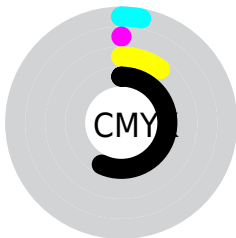
Distribution



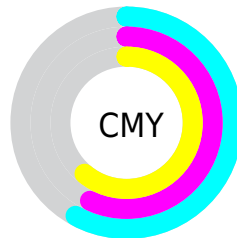
- Red (42%)
- Green (43%)
- Blue (39%)



- Red (39%)
- Yellow (43%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (57%)



- Cyan (58%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8915, 15.1785, 14.0020 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 13.8915, 15.1785, 14.0020 by changing the saturation by 10% instead.

■ 13.8915, 15.1785,
14.0020

■ 13.8915, 15.1785,
14.0020

210.0789,
224.4441, 228.6721

■ 8.1264, 8.9448,
7.9833

■ 32.4843, 35.1660,
33.8098

■ 4.2284, 4.7052,
3.9966

■ 46.0427, 49.6886,
48.4359

■ 1.8322, 2.0753,
1.6235

■ 62.9296, 67.7429,
66.7682

■ 0.5369, 0.6507,
0.3075

■ 83.5103, 89.7133,
89.2253

■ 0.0000, 0.0000,
0.0000

108.1503,
115.9842, 116.2257

137.2148,

146.9401, 148.1880

171.0692,
182.9652, 185.5306

■ 13.8915, 15.1785,
14.0020

■ 13.8915, 15.1785,
14.0020

■ 13.0466, 14.8001,
11.4018

■ 14.8214, 15.5934,
16.9809

■ 12.2824, 14.4549,
9.1640

■ 15.8380, 16.0439,
20.3517

■ 11.5963, 14.1423,
7.2728

■ 16.9443, 16.5318,
24.1283

■ 10.9847, 13.8609,
5.7109

■ 18.1429, 17.0580,
28.3237

■ 10.4439, 13.6093,
4.4593

■ 19.4362, 17.6237,
32.9502

■ 9.9699, 13.3857,
3.4970

■ 20.8267, 18.2298,
38.0196

■ 9.5580, 13.1884,
2.8009

■ 22.3166, 18.8771,
43.5432

■ 9.2031, 13.0152,
2.3437

■ 23.9080, 19.5666,
49.5321

■ 8.8836, 12.8574,
2.0135

■ 25.6032, 20.2992,
55.9968

Harmonies

Analogous

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



14.4227, 15.1785, 13.6302



13.8915, 15.1785, 14.0020



13.5120, 15.1785, 15.0413

Triad

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



13.8915, 15.1785, 14.0020



13.8982, 15.1785, 19.3509



15.5308, 15.1785, 16.5154

Complementary

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



13.8915, 15.1785, 14.0020



12.7563, 12.8747, 16.5653

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.



15.3818, 15.1785, 18.1070



13.8915, 15.1785, 14.0020



14.4307, 15.1785, 19.8072

Square

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



13.8915, 15.1785, 14.0020



13.5158, 15.1785, 18.1281



14.9755, 15.1785, 19.3382



15.3776, 15.1785, 15.0227

Rectangle

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



13.8915, 15.1785, 14.0020



13.3912, 15.1785, 16.0080



14.9755, 15.1785, 19.3382



15.5143, 15.1785, 17.0567

Sweetspot

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



13.8919, 15.1792, 14.0023



25.5095, 27.1531, 28.1377



13.4279, 13.7060, 13.7424



5.9096, 6.3069, 6.4622



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.8919, 15.1792, 14.0023



24.0386, 26.4965, 23.4726



13.2591, 14.8529, 13.9727



3.5574, 3.8727, 3.6333



10.6430, 15.4304, 2.4174



52.1585, 76.4227, 12.0020

Inverse Universe

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



12.7563, 12.8747, 16.5653



21.6188, 21.5857, 28.9343



13.3925, 13.2026, 16.5951



3.2952, 3.3404, 4.2253



3.9987, 1.6708, 17.8334



19.1908, 7.9476, 88.8017

Previews

White Background



This preview shows how the XYZ color 13.8915, 15.1785, 14.0020 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 13.8915, 15.1785, 14.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

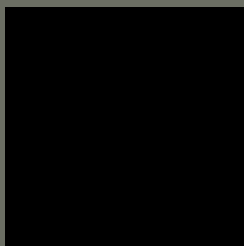
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8915, 15.1785, 14.0020

Background



This preview shows how black text looks on a background with the XYZ color 13.8915, 15.1785, 14.0020.



This preview shows how white text looks on a background with the XYZ color 13.8915, 15.1785,

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

13.8915, 15.1785, 14.0020

Protanopia

14.3772, 15.1177, 13.7155

Deuteranopia

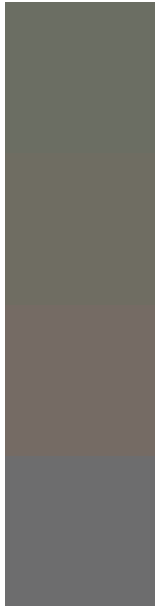
15.3779, 15.1608, 14.1724



Tritanopia

14.9454, 15.3011, 18.6887

Trichromacy



Original Color

13.8915, 15.1785, 14.0020

Protanomaly

14.2288, 15.1986, 13.7390

Deuteranomaly

14.8941, 15.2174, 14.2088

Tritanomaly

14.5898, 15.3143, 16.9388

Monochromacy



Original Color

13.8915, 15.1785, 14.0020

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2028, 15.1453, 15.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8915, 15.1785, 14.0020 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(107, 110, 99)` looks like.

```
.text, #text, p{  
    color:rgb(107, 110, 99)  
}
```

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(107, 110, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 110, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.8915, 15.1785, 14.0020 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(107, 110, 99) }
```


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

```
.border{ border-color:rgb(107, 110, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 110, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 110, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 110, 99);  
box-shadow:4px 4px 4px 4px rgb(107, 110,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8915, 15.1785, 14.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 110, 99) }
```

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

```
.background{ background-color: rgb(107,  
110, 99) }
```

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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