

Converting Colors

XYZ(14.3048, 15.5463, 15.0788)

Have a look what the booklet for
XYZ(14.3048, 15.5463, 15.0788)
contains.

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Color

**XYZ(14.3170, 15.5363,
15.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6F67
RGB	108, 111, 103
RGB Percent	42%, 44%, 40%
CMY	0.5765, 0.5647, 0.5961
CMYK	0.03, 0.00, 0.07, 0.56
HSL	83°, 4%, 42%
HSV	83°, 7%, 44%
XYZ	14.3170, 15.5363, 15.0762
YIQ	109.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

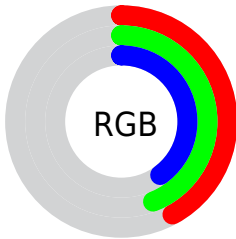
Format	Color
R _Y B	103, 111, 106
Decimal	7106407
CIE Lab	46.36, -2.76, 4.05
CIE LCh	46, 4.899, 124.253
Yxy	15.5363, 0.3187, 0.3458
Android (android.graphics.Color)	4285296487 (0xFF6C6F67)
YUV	109.1910, -3.0522, -1.0445
Hunter-Lab	39.4161, -4.1422, 4.9136

Details

The XYZ color **14.3170, 15.5363, 15.0762** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6639, 13.9128, 17.0050**, and the grayscale version is **14.5987, 15.3589, 16.7259**.

A 20% lighter version of the original color is **33.2280, 35.8984, 35.7496**, and **4.4158, 4.8326, 4.4414** is the 20% darker color. If you saturate the color by 10%, you get **13.3022, 15.0738, 12.3109**, and if you desaturate by 10%, it is **15.4309, 16.0423, 18.2330**.

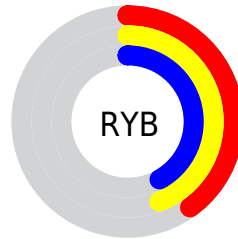
Distribution



Red (42%)

Green (44%)

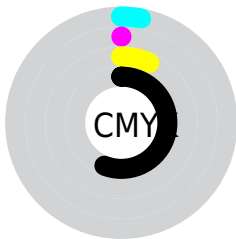
Blue (40%)



Red (40%)

Yellow (44%)

Blue (42%)

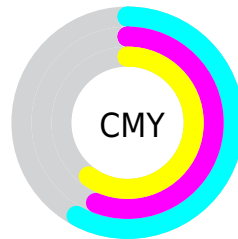


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3170, 15.5363, 15.0762 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 14.3170, 15.5363, 15.0762 by changing the saturation by 10% instead.

■ 14.3170, 15.5363,
15.0762

■ 14.3170, 15.5363,
15.0762

212.6655,
226.5897, 235.4836

■ 8.4246, 9.1966,
8.7257

■ 33.2320, 35.7913,
35.7310

■ 4.4219, 4.8697,
4.4683

■ 46.9854, 50.4754,
50.8723

■ 1.9435, 2.1710,
1.8856

■ 64.0899, 68.7098,
69.7810

■ 0.6019, 0.7041,
0.4836

■ 84.9107, 90.8789,
92.8756

■ 0.0000, 0.0000,
0.0000

109.8134,
117.3670, 120.5746

139.1631,

148.5586, 153.2966

173.3254,
184.8381, 191.4601

■ 14.3170, 15.5363,
15.0762

■ 14.3170, 15.5363,
15.0762

■ 13.3022, 15.0738,
12.3109

■ 15.4309, 16.0423,
18.2330

■ 12.3819, 14.6513,
9.9208

■ 16.6456, 16.5909,
21.7946

■ 11.5531, 14.2681,
7.8900

■ 17.9645, 17.1841,
25.7752

■ 10.8123, 13.9228,
6.2010

■ 19.3903, 17.8229,
30.1876

■ 10.1553, 13.6137,
4.8349

■ 20.9258, 18.5086,
35.0445

■ 9.5781, 13.3391,
3.7711

■ 22.5734, 19.2421,
40.3577

■ 9.0757, 13.0969,
2.9863

■ 24.3358, 20.0245,
46.1388

■ 8.6427, 12.8851,
2.4541

■ 26.2152, 20.8568,
52.3989

■ 8.2655, 12.6979,
2.1043

■ 28.2141, 21.7399,
59.1487

Harmonies

Analogous

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



14.7070, 15.5363, 14.7136



14.3170, 15.5363, 15.0762



14.0514, 15.5363, 15.9317

Triad

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



14.3170, 15.5363, 15.0762



14.4188, 15.5363, 19.0858



15.5867, 15.5363, 16.7455

Complementary

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



14.3170, 15.5363, 15.0762



13.6639, 13.9128, 17.0050

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.



15.5060, 15.5363, 17.9409



14.3170, 15.5363, 15.0762



14.8267, 15.5363, 19.3287

Square

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



14.3170, 15.5363, 15.0762



14.1094, 15.5363, 18.2515



15.2259, 15.5363, 18.9005



15.4442, 15.5363, 15.6480

Rectangle

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



14.3170, 15.5363, 15.0762



13.9779, 15.5363, 16.6859



15.2259, 15.5363, 18.9005



15.5848, 15.5363, 17.1490

Sweetspot

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



14.3174, 15.5370, 15.0765



26.6418, 28.2769, 29.8197



14.1514, 14.6536, 14.9148



6.4083, 6.7969, 7.1859



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.3174, 15.5370, 15.0765



25.2522, 27.6452, 25.9314



13.8498, 15.2959, 15.0547



3.5265, 3.8567, 3.6319



9.5915, 14.8883, 2.3682



46.8015, 73.6611, 11.7513

Inverse Universe

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



13.6639, 13.9128, 17.0050



23.7710, 23.9638, 30.3024



14.1422, 14.1593, 17.0274



3.3249, 3.3558, 4.2267



4.4615, 1.9094, 17.8550



21.3354, 9.0532, 88.9021

Previews

White Background



This preview shows how the XYZ color 14.3170, 15.5363, 15.0762 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 14.3170, 15.5363, 15.0762 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 14.3170, 15.5363, 15.0762

Background



This preview shows how black text looks on a background with the XYZ color 14.3170, 15.5363, 15.0762.

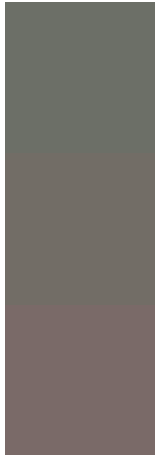


This preview shows how white text looks on a background with the XYZ color 14.3170, 15.5363,

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

14.3170, 15.5363, 15.0762

Protanopia

14.8063, 15.4740, 14.7768

Deuteranopia

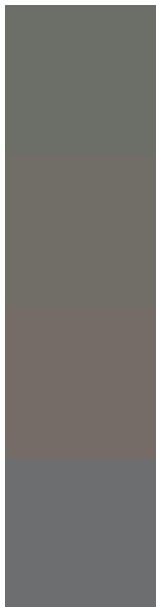
15.6788, 15.4451, 15.2515



Tritanopia

15.1099, 15.5366, 19.0321

Trichromacy



Original Color

14.3170, 15.5363, 15.0762

Protanomaly

14.6563, 15.5559, 14.8005

Deuteranomaly

15.1974, 15.5065, 15.2888

Tritanomaly

14.8072, 15.5729, 17.5547

Monochromacy



Original Color

14.3170, 15.5363, 15.0762

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5364, 15.4646, 16.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3170, 15.5363, 15.0762 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(108, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(108, 111, 103)  
}
```

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(108, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 111, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.3170, 15.5363, 15.0762 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(108, 111, 103) }
```


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

```
.border{ border-color:rgb(108, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(108, 111,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3170, 15.5363, 15.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 111, 103) }
```

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

```
.background{ background-color: rgb(108,  
111, 103) }
```

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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