

Converting Colors

XYZ(15.0415, 15.9749, 15.7442)

Have a look what the booklet for
XYZ(15.0415, 15.9749, 15.7442)
contains.

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Color

**XYZ(14.9163, 15.8335,
15.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	706F69
RGB	112, 111, 105
RGB Percent	44%, 44%, 41%
CMY	0.5608, 0.5647, 0.5882
CMYK	0.00, 0.01, 0.06, 0.56
HSL	51°, 3%, 43%
HSV	51°, 6%, 44%
XYZ	14.9163, 15.8335, 15.6346
YIQ	110.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

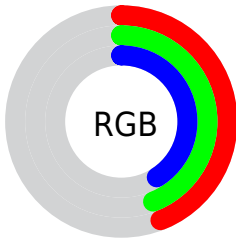
Format	Color
R_{YB}	106, 112, 105
Decimal	7368553
CIE _{Lab}	46.76, -0.80, 3.47
CIE _{LCh}	47, 3.559, 102.972
Yxy	15.8335, 0.3216, 0.3414
Android (android.graphics.Color)	4285558633 (0xFF706F69)
YUV	110.6150, -2.7682, 1.2146
Hunter-Lab	39.7913, -2.7218, 4.5580

Details

The XYZ color **14.9163, 15.8335, 15.6346** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9044, 14.4810, 17.3916**, and the grayscale version is **15.0056, 15.7870, 17.1921**.

A 20% lighter version of the original color is **34.4078, 36.4872, 36.6817**, and **4.6556, 4.9505, 4.7132** is the 20% darker color. If you saturate the color by 10%, you get **14.2057, 15.2735, 12.7422**, and if you desaturate by 10%, it is **15.7068, 16.4314, 18.9281**.

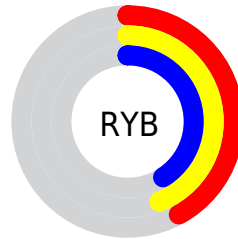
Distribution



Red (44%)

Green (44%)

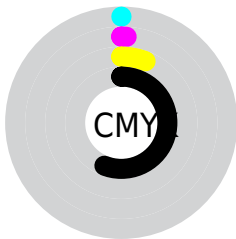
Blue (41%)



Red (42%)

Yellow (44%)

Blue (41%)

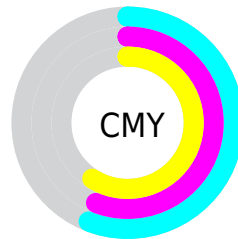


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9163, 15.8335, 15.6346 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 14.9163, 15.8335, 15.6346 by changing the saturation by 10% instead.

■ 14.9163, 15.8335,
15.6346

■ 14.9163, 15.8335,
15.6346

216.2575,
228.3572, 238.9474

■ 8.8466, 9.4064,
9.1144

■ 34.2791, 36.3089,
36.7206

■ 4.6976, 5.0072,
4.7181

■ 48.3030, 51.1260,
52.1235

■ 2.1038, 2.2515,
2.0270

■ 65.7089, 69.5086,
71.3244

■ 0.6913, 0.7479,
0.5718

■ 86.8623, 91.8410,
94.7418

■ 0.0000, 0.0000,
0.0000

112.1285,
118.5077, 122.7942

141.8729,

149.8930, 155.9003

176.4607,
186.3814, 194.4785

■ 14.9163, 15.8335,
15.6346

■ 14.9163, 15.8335,
15.6346

■ 14.2057, 15.2735,
12.7422

■ 15.7068, 16.4314,
18.9281

■ 13.5706, 14.7482,
10.2345

■ 16.5785, 17.0664,
22.6363

■ 13.0084, 14.2569,
8.0951

■ 17.5347, 17.7402,
26.7735

■ 12.5157, 13.7983,
6.3065

■ 18.5779, 18.4538,
31.3530

■ 12.0888, 13.3710,
4.8495

■ 19.7104, 19.2082,
36.3874

■ 11.7237, 12.9732,
3.7031

■ 20.9346, 20.0044,
41.8890

■ 11.4160, 12.6032,
2.8438

■ 22.2527, 20.8434,
47.8693

■ 11.1605, 12.2589,
2.2450

■ 23.6670, 21.7259,
54.3398

■ 10.9461, 11.9358,
1.8475

■ 25.1794, 22.6529,
61.3114

Harmonies

Analogous

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



15.2239, 15.8335, 15.6638



14.9163, 15.8335, 15.6346



14.6479, 15.8335, 16.0248

Triad

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



14.9163, 15.8335, 15.6346



14.6188, 15.8335, 18.4259



15.6245, 15.8335, 17.7430

Complementary

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



14.9163, 15.8335, 15.6346



13.9044, 14.4810, 17.3916

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.



15.4579, 15.8335, 18.5151



14.9163, 15.8335, 15.6346



14.8760, 15.8335, 18.9185

Square

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



14.9163, 15.8335, 15.6346



14.4777, 15.8335, 17.6248



15.1830, 15.8335, 18.9517



15.6356, 15.8335, 16.8609

Rectangle

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



14.9163, 15.8335, 15.6346



14.5262, 15.8335, 16.4783



15.1830, 15.8335, 18.9517



15.5847, 15.8335, 18.0247

Sweetspot

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



14.9167, 15.8342, 15.6349



26.7702, 28.2490, 29.8076



14.3380, 14.5898, 15.7099



6.4367, 6.7907, 7.1832



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.



14.9167, 15.8342, 15.6349



26.0824, 27.7219, 26.9627



14.7187, 15.8946, 15.6570



3.6358, 3.8644, 3.7575



12.5519, 13.6363, 1.9705



62.0474, 66.9701, 9.6563

Inverse Universe

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



13.9044, 14.4810, 17.3916



24.0504, 25.0057, 30.4888



14.0941, 14.4270, 17.3712



3.3518, 3.4848, 4.2502



3.5828, 1.7559, 17.8717



17.4513, 7.9544, 88.8947

Previews

White Background



This preview shows how the XYZ color 14.9163, 15.8335, 15.6346 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 14.9163, 15.8335, 15.6346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

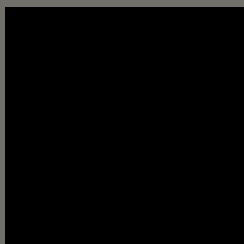
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

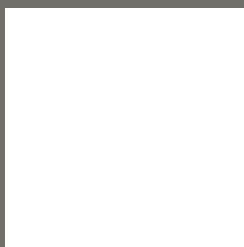
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9163, 15.8335, 15.6346

Background



This preview shows how black text looks on a background with the XYZ color 14.9163, 15.8335, 15.6346.



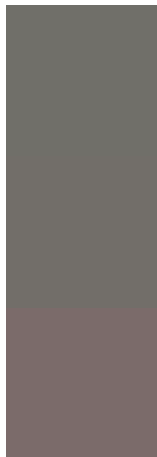
This preview shows how white text looks on a background with the XYZ color 14.9163, 15.8335,

15.6346.

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

14.9163, 15.8335, 15.6346

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

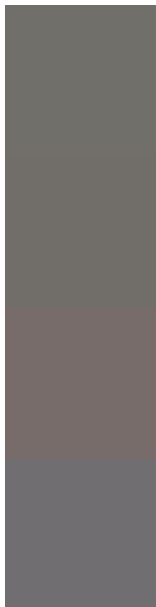
16.0276, 15.7670, 15.8342



Tritanopia

15.6781, 15.8227, 19.3673

Trichromacy



Original Color

14.9163, 15.8335, 15.6346

Protanomaly

14.9358, 15.6825, 15.6044

Deuteranomaly

15.5718, 15.6877, 15.8430

Tritanomaly

15.3666, 15.8548, 17.8732

Monochromacy



Original Color

14.9163, 15.8335, 15.6346

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0003, 15.8525, 16.7372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9163, 15.8335, 15.6346 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(112, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 111, 105)  
}
```

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(112, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 111, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.9163, 15.8335, 15.6346 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(112, 111, 105) }
```


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

```
.border{ border-color:rgb(112, 111, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 111, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 111,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9163, 15.8335, 15.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 111, 105) }
```

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

```
.background{ background-color: rgb(112,  
111, 105) }
```

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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