

Converting Colors

XYZ(15.3644, 16.4410, 18.5037)

Have a look what the booklet for
XYZ(15.3644, 16.4410, 18.5037)
contains.

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Color

**XYZ(15.4185, 16.5236,
18.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7273
RGB	109, 114, 115
RGB Percent	43%, 45%, 45%
CMY	0.5725, 0.5529, 0.5490
CMYK	0.05, 0.01, 0.00, 0.55
HSL	190°, 3%, 44%
HSV	190°, 5%, 45%
XYZ	15.4185, 16.5236, 18.5964
YIQ	112.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

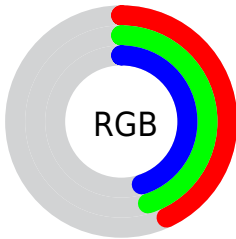
Format	Color
R_{YB}	109, 112, 115
Decimal	7172723
CIE Lab	47.65, -1.68, -1.22
CIE LCh	48, 2.074, 215.916
Yxy	16.5236, 0.3051, 0.3270
Android (android.graphics.Color)	4285362803 (0xFF6D7273)
YUV	112.6190, 1.1738, -3.1739
Hunter-Lab	40.6492, -3.4300, 1.3302

Details

The XYZ color **15.4185, 16.5236, 18.5964** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4066, 15.9008, 16.7255**, and the grayscale version is **15.5810, 16.3924, 17.8513**.

A 20% lighter version of the original color is **35.1085, 37.5360, 41.9540**, and **4.9479, 5.3258, 6.0774** is the 20% darker color. If you saturate the color by 10%, you get **13.8819, 15.4148, 18.4636**, and if you desaturate by 10%, it is **17.1457, 17.7383, 18.7401**.

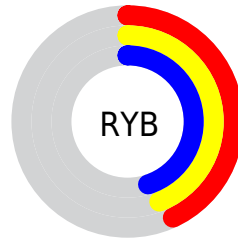
Distribution



Red (43%)

Green (45%)

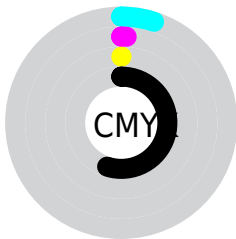
Blue (45%)



Red (43%)

Yellow (44%)

Blue (45%)

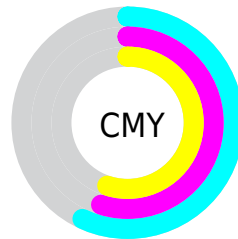


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4185, 16.5236, 18.5964 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 15.4185, 16.5236, 18.5964 by changing the saturation by 10% instead.

■ 15.4185, 16.5236,
18.5964

■ 15.4185, 16.5236,
18.5964

219.2240,
232.4119, 256.5596

■ 9.2018, 9.8954,
11.2052

■ 35.1514, 37.5048,
41.8786

■ 4.9312, 5.3297,
6.0891

■ 49.3983, 52.6267,
58.6066

■ 2.2413, 2.4420,
2.8297

■ 67.0527, 71.3486,
79.2839

■ 0.7644, 0.8474,
1.0083

■ 88.4799, 94.0548,
104.3291

■ 0.0000, 0.0000,
0.0000

114.0452,
121.1299, 134.1608

144.1142,

152.9582, 169.1973

179.0520,
189.9240, 209.8574

■ 15.4185, 16.5236,
18.5964

■ 15.4185, 16.5236,
18.5964

■ 13.8819, 15.4148,
18.4636

■ 17.1457, 17.7383,
18.7401

■ 12.5273, 14.4060,
18.3403

■ 19.0689, 19.0603,
18.8939

■ 11.3475, 13.4940,
18.2265

■ 21.1949, 20.4936,
19.0585

■ 10.3345, 12.6746,
18.1217

■ 23.5299, 22.0415,
19.2342

■ 9.4793, 11.9430,
18.0255

■ 26.0798, 23.7070,
19.4213

■ 8.7724, 11.2944,
17.9376

■ 28.8501, 25.4931,
19.6200

■ 8.2029, 10.7231,
17.8573

■ 31.8464, 27.4026,
19.8307

■ 7.7586, 10.2227,
17.7842

■ 35.0738, 29.4383,
20.0535

■ 7.4178, 9.7821,
17.7171

■ 38.5374, 31.6027,
20.2887

Harmonies

Analogous

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



15.3536, 16.5236, 18.0967



15.4185, 16.5236, 18.5964



15.5603, 16.5236, 18.9388

Triad

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



15.4185, 16.5236, 18.5964



16.0326, 16.5236, 18.4109



15.6685, 16.5236, 16.9957

Complementary

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



15.4185, 16.5236, 18.5964



15.4066, 15.9008, 16.7255

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.



15.8510, 16.5236, 17.0761



15.4185, 16.5236, 18.5964



16.0621, 16.5236, 17.8865

Square

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



15.4185, 16.5236, 18.5964



15.9150, 16.5236, 18.8302



15.9954, 16.5236, 17.3996



15.4972, 16.5236, 17.1779

Rectangle

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



15.4185, 16.5236, 18.5964



15.6798, 16.5236, 19.0281



15.9954, 16.5236, 17.3996



15.7306, 16.5236, 16.9930

Sweetspot

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



15.4190, 16.5243, 18.5968



28.5515, 30.2569, 33.3799



15.2467, 16.6366, 17.1312



6.8226, 7.2262, 7.9642



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.4190, 16.5243, 18.5968



27.3371, 29.3948, 33.2775



15.0968, 15.8800, 18.4894



3.8425, 4.1343, 4.6857



8.2923, 10.9242, 20.2141



39.8728, 52.1622, 98.3271

Inverse Universe

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



15.5765, 15.7974, 18.1486



27.6687, 27.8698, 32.3331



15.7248, 16.5372, 16.8315



3.8905, 3.9136, 4.5489



10.4827, 5.1268, 13.0159



50.8127, 24.8752, 62.0022

Previews

White Background



This preview shows how the XYZ color 15.4185, 16.5236, 18.5964 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 15.4185, 16.5236, 18.5964 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

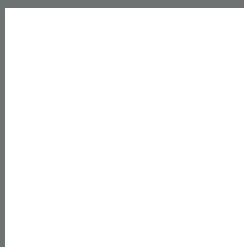
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4185, 16.5236, 18.5964

Background



This preview shows how black text looks on a background with the XYZ color 15.4185, 16.5236, 18.5964.



This preview shows how white text looks on a background with the XYZ color 15.4185, 16.5236,

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

15.4185, 16.5236, 18.5964

Protanopia

15.9017, 16.4481, 18.2563

Deuteranopia

16.7894, 16.4092, 18.8054



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

15.4185, 16.5236, 18.5964

Protanomaly

15.7524, 16.5359, 18.2811

Deuteranomaly

16.3080, 16.4814, 18.8447

Tritanomaly

15.6653, 16.4572, 19.8037

Monochromacy



Original Color

15.4185, 16.5236, 18.5964

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6245, 16.4699, 18.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4185, 16.5236, 18.5964 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(109, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 114, 115)  
}
```

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(109, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 114, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.4185, 16.5236, 18.5964 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(109, 114, 115) }
```


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

```
.border{ border-color:rgb(109, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 114,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4185, 16.5236, 18.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 114, 115) }
```

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

```
.background{ background-color: rgb(109,  
114, 115) }
```

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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