

Converting Colors

XYZ(15.3173, 14.9633, 18.9386)

Have a look what the booklet for
XYZ(15.3173, 14.9633, 18.9386)
contains.

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Color

**XYZ(15.3327, 15.0323,
18.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	736975
RGB	115, 105, 117
RGB Percent	45%, 41%, 46%
CMY	0.5490, 0.5882, 0.5412
CMYK	0.02, 0.10, 0.00, 0.54
HSL	290°, 5%, 44%
HSV	290°, 10%, 46%
XYZ	15.3327, 15.0323, 18.9230
YIQ	109.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

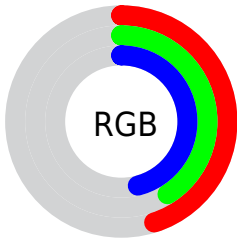
Format	Color
R_{YB}	115, 105, 117
Decimal	7563637
CIE Lab	45.68, 6.33, -5.27
CIE LCh	46, 8.235, 320.224
Yxy	15.0323, 0.3111, 0.3050
Android (android.graphics.Color)	4285753717 (0xFF736975)
YUV	109.3580, 3.7675, 4.9480
Hunter-Lab	38.7715, 2.7400, -1.7973

Details

The XYZ color **15.3327, 15.0323, 18.9230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9749, 16.8686, 15.8320**, and the grayscale version is **14.6271, 15.3888, 16.7584**.

A 20% lighter version of the original color is **34.9862, 34.8570, 42.4202**, and **4.9020, 4.6491, 6.2692** is the 20% darker color. If you saturate the color by 10%, you get **13.9685, 12.6804, 18.5412**, and if you desaturate by 10%, it is **16.8671, 17.7163, 19.3604**.

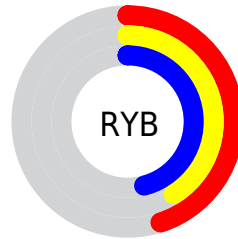
Distribution



Red (45%)

Green (41%)

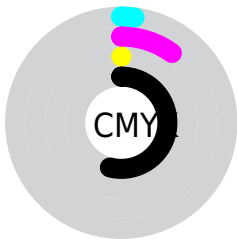
Blue (46%)



Red (45%)

Yellow (41%)

Blue (46%)

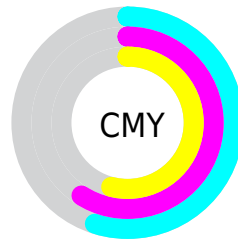


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3327, 15.0323, 18.9230 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 15.3327, 15.0323, 18.9230 by changing the saturation by 10% instead.

■ 15.3327, 15.0323,
18.9230

■ 15.3327, 15.0323,
18.9230

218.7199,
223.5616, 258.4319

■ 9.1410, 8.8421,
11.4384

■ 35.0027, 34.9098,
42.4389

■ 4.8911, 4.6383,
6.2447

■ 49.2117, 49.3659,
59.3073

■ 2.2176, 2.0366,
2.9232

■ 66.8239, 67.3461,
80.1407

■ 0.7520, 0.6286,
1.0556

■ 88.2046, 89.2347,
105.3577

■ 0.0000, 0.0000,
0.0000

113.7192,
115.4161, 135.3767

143.7331,

146.2749, 170.6164

178.6115,
182.1952, 211.4953

■ 15.3327, 15.0323,
18.9230

■ 15.3327, 15.0323,
18.9230

■ 13.9685, 12.6804,
18.5412

■ 16.8671, 17.7163,
19.3604

■ 12.7667, 10.6453,
18.2117

■ 18.5769, 20.7429,
19.8545

■ 11.7203, 8.9133,
17.9325

■ 20.4682, 24.1247,
20.4076

■ 10.8219, 7.4693,
17.7012

■ 22.5470, 27.8731,
21.0215

■ 10.0630, 6.2964,
17.5148

■ 24.8186, 31.9989,
21.6981

■ 9.4344, 5.3763,
17.3703

■ 27.2882, 36.5124,
22.4392

■ 8.9258, 4.6883,
17.2643

■ 29.9608, 41.4236,
23.2463

■ 8.5250, 4.2084,
17.1928

■ 32.8413, 46.7421,
24.1210

■ 8.1944, 3.8535,
17.1417

■ 35.9343, 52.4773,
25.0650

Harmonies

Analogous

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



14.7517, 15.0323, 20.2014



15.3327, 15.0323, 18.9230



15.6366, 15.0323, 17.0218

Triad

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



15.3327, 15.0323, 18.9230



14.5144, 15.0323, 12.8989



13.0777, 15.0323, 17.7177

Complementary

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



15.3327, 15.0323, 18.9230



14.9749, 16.8686, 15.8320

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.



13.0188, 15.0323, 15.7304



15.3327, 15.0323, 18.9230



13.8336, 15.0323, 13.0525

Square

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



15.3327, 15.0323, 18.9230



15.1542, 15.0323, 13.6156



13.2914, 15.0323, 14.0533



13.4550, 15.0323, 19.4675

Rectangle

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



15.3327, 15.0323, 18.9230



15.6347, 15.0323, 15.7019



13.2914, 15.0323, 14.0533



13.0205, 15.0323, 17.0519

Sweetspot

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



15.3331, 15.0329, 18.9233



29.3970, 30.3067, 34.4374



14.2948, 14.8036, 18.9338



6.7132, 6.8880, 7.9047



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.



15.3331, 15.0329, 18.9233



26.9303, 26.0059, 33.7373



15.3687, 15.0779, 17.7235



3.7696, 3.7286, 4.6112



9.0174, 4.2400, 18.8857



43.3238, 20.3427, 92.0034

Inverse Universe

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



15.0420, 14.9472, 16.0028



26.3164, 25.8262, 27.5288



14.9478, 16.8303, 16.9293



3.7066, 3.7099, 3.9816



8.2126, 4.2188, 1.0620



39.8001, 20.4702, 4.0108

Previews

White Background



This preview shows how the XYZ color 15.3327, 15.0323, 18.9230 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 15.3327, 15.0323, 18.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

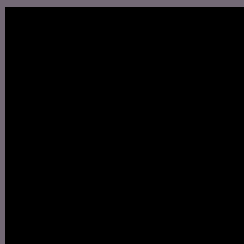
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3327, 15.0323, 18.9230

Background



This preview shows how black text looks on a background with the XYZ color 15.3327, 15.0323, 18.9230.



This preview shows how white text looks on a background with the XYZ color 15.3327, 15.0323,

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

15.3327, 15.0323, 18.9230

Protanopia

14.6509, 14.9731, 19.5707

Deuteranopia

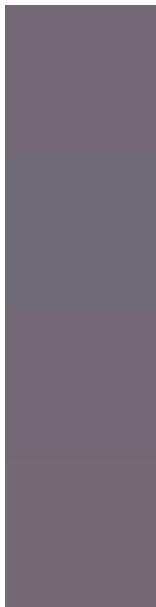
15.3327, 15.0323, 18.9230



Tritanopia

15.2615, 15.1678, 18.0429

Trichromacy



Original Color

15.3327, 15.0323, 18.9230

Protanomaly

14.8545, 14.9311, 19.2386

Deuteranomaly

15.3327, 15.0323, 18.9230

Tritanomaly

15.3188, 15.1907, 18.3444

Monochromacy



Original Color

15.3327, 15.0323, 18.9230

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8427, 15.2745, 17.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3327, 15.0323, 18.9230 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(115, 105, 117)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 117)  
}
```

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(115, 105, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.3327, 15.0323, 18.9230 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(115, 105, 117) }
```


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

```
.border{ border-color:rgb(115, 105, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 105, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 117);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3327, 15.0323, 18.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 117) }
```

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

```
.background{ background-color: rgb(115,  
105, 117) }
```

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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