

Converting Colors

XYZ(15.5531, 15.1987, 18.3084)

Have a look what the booklet for
XYZ(15.5531, 15.1987, 18.3084)
contains.

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Color

**XYZ(15.4822, 15.1229,
18.3227)**

Conversions

Conversions Part 1

Format	Color
Hex	756973
RGB	117, 105, 115
RGB Percent	46%, 41%, 45%
CMY	0.5412, 0.5882, 0.5490
CMYK	0.00, 0.10, 0.02, 0.54
HSL	310°, 5%, 44%
HSV	310°, 10%, 46%
XYZ	15.4822, 15.1229, 18.3227
YIQ	109.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

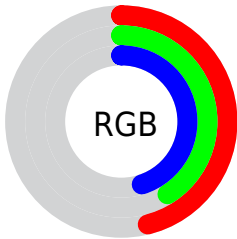
Format	Color
R_{YB}	117, 105, 115
Decimal	7694707
CIE Lab	45.80, 6.68, -3.86
CIE LCh	46, 7.715, 329.954
Yxy	15.1229, 0.3164, 0.3091
Android (android.graphics.Color)	4285884787 (0xFF756973)
YUV	109.7280, 2.5991, 6.3775
Hunter-Lab	38.8882, 3.0103, -0.7136

Details

The XYZ color **15.4822, 15.1229, 18.3227** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8414, 16.7877, 16.3688**, and the grayscale version is **14.7355, 15.5029, 16.8827**.

A 20% lighter version of the original color is **35.2257, 35.0020, 41.4587**, and **4.9804, 4.6966, 5.9542** is the 20% darker color. If you saturate the color by 10%, you get **14.2607, 12.8574, 17.3679**, and if you desaturate by 10%, it is **16.8709, 17.7187, 19.3453**.

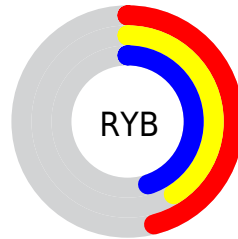
Distribution



Red (46%)

Green (41%)

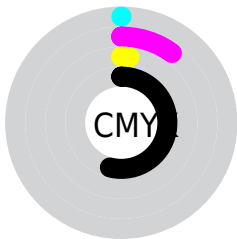
Blue (45%)



Red (46%)

Yellow (41%)

Blue (45%)

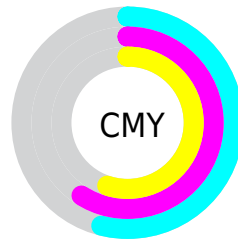


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (54%)



Cyan (54%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4822, 15.1229, 18.3227 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 15.4822, 15.1229, 18.3227 by changing the saturation by 10% instead.

■ 15.4822, 15.1229,
18.3227

■ 15.4822, 15.1229,
18.3227

219.5976,
224.1089, 254.9806

■ 9.2470, 8.9057,
11.0101

■ 35.2617, 35.0686,
41.4078

■ 4.9610, 4.6797,
5.9594

■ 49.5367, 49.5660,
58.0173

■ 2.2589, 2.0606,
2.7520

■ 67.2223, 67.5921,
78.5629

■ 0.7735, 0.6423,
0.9694

■ 88.6839, 89.5314,
103.4631

■ 0.0000, 0.0000,
0.0000

114.2869,
115.7684, 133.1364

144.3966,

146.6874, 168.0014

179.3784,
182.6727, 208.4766

■ 15.4822, 15.1229,
18.3227

■ 15.4822, 15.1229,
18.3227

■ 14.2607, 12.8574,
17.3679

■ 16.8709, 17.7187,
19.3453

■ 13.1984, 10.9067,
16.4776

■ 18.4319, 20.6552,
20.4370

■ 12.2887, 9.2575,
15.6497

■ 20.1714, 23.9451,
21.6000

■ 11.5239, 7.8943,
14.8817

■ 22.0952, 27.5997,
22.8364

■ 10.8956, 6.8005,
14.1706

■ 24.2087, 31.6298,
24.1480

■ 10.3947, 5.9578,
13.5133

■ 26.5171, 36.0457,
25.5367

■ 10.0108, 5.3453,
12.9062

■ 29.0253, 40.8574,
27.0041

■ 9.7318, 4.9392,
12.3454

■ 31.7383, 46.0745,
28.5519

■ 9.5172, 4.6544,
11.8286

■ 34.6605, 51.7063,
30.1817

Harmonies

Analogous

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



15.0065, 15.1229, 19.7635



15.4822, 15.1229, 18.3227



15.6592, 15.1229, 16.4691

Triad

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



15.4822, 15.1229, 18.3227



14.3749, 15.1229, 13.1424



13.3188, 15.1229, 18.3174

Complementary

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



15.4822, 15.1229, 18.3227



14.8414, 16.7877, 16.3688

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.



13.1609, 15.1229, 16.4634



15.4822, 15.1229, 18.3227



13.7593, 15.1229, 13.5578

Square

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



15.4822, 15.1229, 18.3227



15.0082, 15.1229, 13.5603



13.3197, 15.1229, 14.7397



13.7576, 15.1229, 19.7603

Rectangle

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



15.4822, 15.1229, 18.3227



15.5800, 15.1229, 15.2756



13.3197, 15.1229, 14.7397



13.2317, 15.1229, 17.7172

Sweetspot

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



15.4826, 15.1236, 18.3230



29.4780, 30.3557, 34.1123



14.3265, 14.5141, 18.8762



6.7361, 6.9018, 7.8128



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.



15.4826, 15.1236, 18.3230



27.2509, 26.2000, 32.4496



15.1485, 14.9899, 16.5636



3.8017, 3.7480, 4.4825



10.4810, 5.1261, 13.0072



50.8043, 24.8718, 61.9580

Inverse Universe

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



15.4826, 15.1236, 18.3230



27.2509, 26.2000, 32.4496



15.1681, 16.9184, 18.0893



3.8017, 3.7480, 4.4825



10.4810, 5.1261, 13.0072



50.8043, 24.8718, 61.9580

Previews

White Background



This preview shows how the XYZ color 15.4822, 15.1229, 18.3227 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 15.4822, 15.1229, 18.3227 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 15.4822, 15.1229, 18.3227

Background



This preview shows how black text looks on a background with the XYZ color 15.4822, 15.1229, 18.3227.



This preview shows how white text looks on a background with the XYZ color 15.4822, 15.1229,

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

15.4822, 15.1229, 18.3227

Protanopia

14.7578, 15.1976, 18.9852

Deuteranopia

15.3485, 15.0540, 18.3164



Tritanopia

15.4250, 15.1000, 18.0212

Trichromacy



Original Color

15.4822, 15.1229, 18.3227

Protanomaly

14.9656, 15.1559, 18.6596

Deuteranomaly

15.3485, 15.0540, 18.3164

Tritanomaly

15.4250, 15.1000, 18.0212

Monochromacy



Original Color

15.4822, 15.1229, 18.3227

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0972, 15.4057, 17.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4822, 15.1229, 18.3227 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(117, 105, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 105, 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(117, 105, 115) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 15.4822, 15.1229, 18.3227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

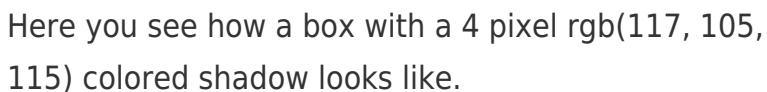
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 105, 115) }
```


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

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

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



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

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

Background

The CSS property to change the background color of an element to XYZ 15.4822, 15.1229, 18.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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