

Converting Colors

XYZ(15.5483, 14.9629, 19.1140)

Have a look what the booklet for
XYZ(15.5483, 14.9629, 19.1140)
contains.

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Color

**XYZ(15.5564, 14.9905,
19.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	756876
RGB	117, 104, 118
RGB Percent	46%, 41%, 46%
CMY	0.5412, 0.5921, 0.5373
CMYK	0.01, 0.12, 0.00, 0.54
HSL	296°, 6%, 44%
HSV	296°, 12%, 46%
XYZ	15.5564, 14.9905, 19.2131
YIQ	109.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

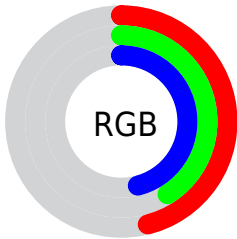
Format	Color
R_{YB}	117, 104, 118
Decimal	7694454
CIE Lab	45.62, 7.89, -5.93
CIE LCh	46, 9.876, 323.061
Yxy	14.9905, 0.3126, 0.3013
Android (android.graphics.Color)	4285884534 (0xFF756876)
YUV	109.4830, 4.1989, 6.5924
Hunter-Lab	38.7176, 3.9641, -2.3196

Details

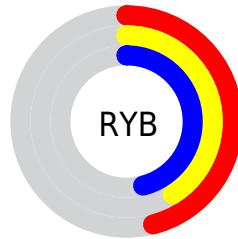
The XYZ color **15.5564, 14.9905, 19.2131** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8034, 16.9600, 15.5908**, and the grayscale version is **14.6612, 15.4248, 16.7976**.

A 20% lighter version of the original color is **35.3392, 34.7800, 42.8808**, and **5.0229, 4.6337, 6.4240** is the 20% darker color. If you saturate the color by 10%, you get **14.3382, 12.7213, 18.8395**, and if you desaturate by 10%, it is **16.9427, 17.5940, 19.6428**.

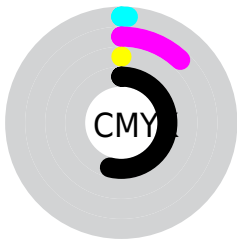
Distribution



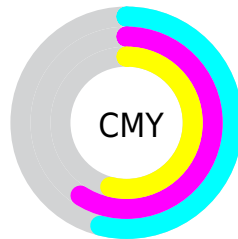
- Red (46%)
- Green (41%)
- Blue (46%)



- Red (46%)
- Yellow (41%)
- Blue (46%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5564, 14.9905, 19.2131 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 15.5564, 14.9905, 19.2131 by changing the saturation by 10% instead.

■ 15.5564, 14.9905,
19.2131

■ 15.5564, 14.9905,
19.2131

220.0319,
223.3087, 260.0845

■ 9.2997, 8.8127,
11.6460

■ 35.3901, 34.8365,
42.9354

■ 4.9958, 4.6192,
6.3835

■ 49.6977, 49.2735,
59.9276

■ 2.2795, 2.0256,
3.0071

■ 67.4196, 67.2324,
80.8986

■ 0.7842, 0.6223,
1.0983

■ 88.9213, 89.0976,
106.2670

■ 0.0000, 0.0000,
0.0000

114.5680,
115.2534, 136.4512

144.7251,

146.0843, 171.8698

179.7580,
181.9746, 212.9414

■ 15.5564, 14.9905,
19.2131

■ 15.5564, 14.9905,
19.2131

■ 14.3382, 12.7213,
18.8395

■ 16.9427, 17.5940,
19.6428

■ 13.2799, 10.7707,
18.5188

■ 18.5024, 20.5428,
20.1298

■ 12.3747, 9.1246,
18.2488

■ 20.2418, 23.8497,
20.6764

■ 11.6146, 7.7673,
18.0269

■ 22.1670, 27.5265,
21.2846

■ 10.9909, 6.6814,
17.8501

■ 24.2833, 31.5841,
21.9563

■ 10.4942, 5.8479,
17.7154

■ 26.5962, 36.0333,
22.6931

■ 10.1136, 5.2452,
17.6191

■ 29.1108, 40.8843,
23.4969

■ 9.8365, 4.8479,
17.5571

■ 31.8320, 46.1470,
24.3693

■ 9.6470, 4.5955,
17.5183

■ 34.7645, 51.8308,
25.3118

Harmonies

Analogous

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



14.8797, 14.9905, 20.8783



15.5564, 14.9905, 19.2131



15.8846, 14.9905, 16.8782

Triad

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



15.5564, 14.9905, 19.2131



14.4409, 14.9905, 12.2080



12.8352, 14.9905, 18.1707

Complementary

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



15.5564, 14.9905, 19.2131



14.8034, 16.9600, 15.5908

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.



12.7279, 14.9905, 15.7783



15.5564, 14.9905, 19.2131



13.6345, 14.9905, 12.4822

Square

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



15.5564, 14.9905, 19.2131



15.2246, 14.9905, 12.9478



13.0151, 14.9905, 13.7367



13.3141, 14.9905, 20.2370

Rectangle

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



15.5564, 14.9905, 19.2131



15.8529, 14.9905, 15.3150



13.0151, 14.9905, 13.7367



12.7553, 14.9905, 17.3724

Sweetspot

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



15.5568, 14.9911, 19.2134



29.2193, 29.8599, 34.3605



14.0481, 14.3889, 19.1767



6.6817, 6.7971, 7.8888



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.



15.5568, 14.9911, 19.2134



26.7940, 25.3131, 33.6107



15.3559, 14.9264, 17.4501



3.8021, 3.7453, 4.6128



10.4322, 4.9693, 18.9519



50.5325, 24.0590, 92.3408

Inverse Universe

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



14.9719, 14.7728, 15.4277



25.5726, 24.8577, 25.6806



14.9933, 17.0225, 17.2003



3.6936, 3.7047, 3.9132



8.1307, 4.1860, 0.6306



39.4965, 20.3487, 2.4121

Previews

White Background



This preview shows how the XYZ color 15.5564, 14.9905, 19.2131 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 15.5564, 14.9905, 19.2131 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 15.5564, 14.9905, 19.2131

Background



This preview shows how black text looks on a background with the XYZ color 15.5564, 14.9905, 19.2131.



This preview shows how white text looks on a background with the XYZ color 15.5564, 14.9905,

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

15.5564, 14.9905, 19.2131

Protanopia

14.5917, 14.9356, 19.8831

Deuteranopia

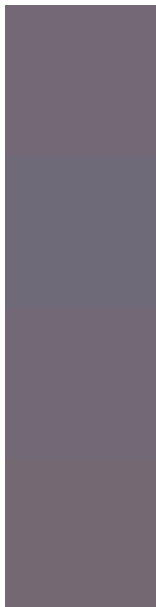
15.2610, 14.9886, 19.2283



Tritanopia

15.2347, 15.0084, 17.7167

Trichromacy



Original Color

15.5564, 14.9905, 19.2131

Protanomaly

14.9142, 14.9550, 19.5533

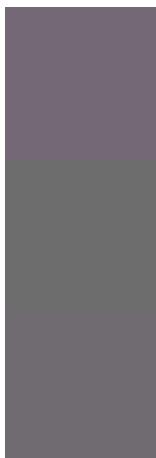
Deuteranomaly

15.3918, 15.0560, 19.2344

Tritanomaly

15.3485, 15.0540, 18.3164

Monochromacy



Original Color

15.5564, 14.9905, 19.2131

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8644, 15.1300, 17.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5564, 14.9905, 19.2131 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, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 118)  
}
```

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, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.5564, 14.9905, 19.2131 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, 104, 118) }
```


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

```
.border{ border-color:rgb(117, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5564, 14.9905, 19.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 118) }
```

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

```
.background{ background-color: rgb(117,  
104, 118) }
```

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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