

Converting Colors

XYZ(15.5588, 14.4110, 19.0270)

Have a look what the booklet for
XYZ(15.5588, 14.4110, 19.0270)
contains.

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Color

**XYZ(15.5729, 14.4154,
19.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	786476
RGB	120, 100, 118
RGB Percent	47%, 39%, 46%
CMY	0.5294, 0.6078, 0.5373
CMYK	0.00, 0.17, 0.02, 0.53
HSL	306°, 9%, 43%
HSV	306°, 17%, 47%
XYZ	15.5729, 14.4154, 19.1012
YIQ	108.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

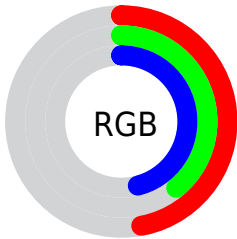
Format	Color
R_{YB}	120, 100, 118
Decimal	7890038
CIE Lab	44.82, 11.43, -7.09
CIE LCh	45, 13.453, 328.180
Yxy	14.4154, 0.3172, 0.2937
Android (android.graphics.Color)	4286080118 (0xFF786476)
YUV	108.0320, 4.9142, 10.4959
Hunter-Lab	37.9676, 6.7707, -3.2510

Details

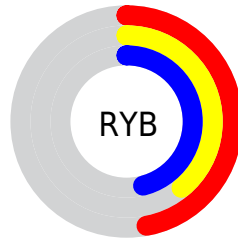
The XYZ color **15.5729, 14.4154, 19.1012** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3708, 17.1020, 15.1147**, and the grayscale version is **14.2486, 14.9907, 16.3248**.

A 20% lighter version of the original color is **35.3356, 33.8062, 42.6931**, and **4.9771, 4.3280, 6.3674** is the 20% darker color. If you saturate the color by 10%, you get **14.4349, 12.2527, 18.3724**, and if you desaturate by 10%, it is **16.8822, 16.9188, 19.8919**.

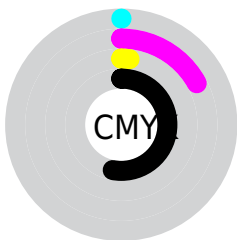
Distribution



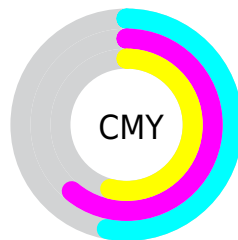
- Red (47%)
- Green (39%)
- Blue (46%)



- Red (47%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5729, 14.4154, 19.1012 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 15.5729, 14.4154, 19.1012 by changing the saturation by 10% instead.

■ 15.5729, 14.4154,
19.1012

■ 15.5729, 14.4154,
19.1012

220.1284,
219.8000, 259.4482

■ 9.3114, 8.4101,
11.5659

■ 35.4186, 33.8243,
42.7440

■ 5.0036, 4.3585,
6.3299

■ 49.7335, 47.9967,
59.6886

■ 2.2841, 1.8761,
2.9747

■ 67.4635, 65.6603,
80.6066

■ 0.7865, 0.5339,
1.0817

■ 88.9740, 87.1995,
105.9167

■ 0.0000, 0.0000,
0.0000

114.6304,
112.9987, 136.0374

144.7981,

143.4422, 171.3871

179.8423,
178.9145, 212.3846

■ 15.5729, 14.4154,
19.1012

■ 15.5729, 14.4154,
19.1012

■ 14.4349, 12.2527,
18.3724

■ 16.8822, 16.9188,
19.8919

■ 13.4596, 10.4140,
17.7021

■ 18.3684, 19.7750,
20.7460

■ 12.6395, 8.8842,
17.0879

■ 20.0386, 22.9976,
21.6659

■ 11.9658, 7.6461,
16.5270

■ 21.8990, 26.5990,
22.6537

■ 11.4293, 6.6807,
16.0163

■ 23.9554, 30.5911,
23.7114

■ 11.0194, 5.9670,
15.5521

■ 26.2136, 34.9852,
24.8409

■ 10.7239, 5.4809,
15.1304

■ 28.6789, 39.7922,
26.0441

■ 10.5173, 5.1712,
14.7428

■ 31.3567, 45.0226,
27.3226

■ 10.4525, 5.0758,
14.6158

■ 34.2519, 50.6863,
28.6782

Harmonies

Analogous

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



14.7218, 14.4154, 21.6454



15.5729, 14.4154, 19.1012



15.9195, 14.4154, 15.8886

Triad

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



15.5729, 14.4154, 19.1012



13.7685, 14.4154, 10.3994



11.9250, 14.4154, 18.7248

Complementary

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



15.5729, 14.4154, 19.1012



14.3708, 17.1020, 15.1147

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.



11.6995, 14.4154, 15.5048



15.5729, 14.4154, 19.1012



12.7293, 14.4154, 10.9507

Square

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



15.5729, 14.4154, 19.1012



14.8439, 14.4154, 11.1023



11.9862, 14.4154, 12.7215



12.6191, 14.4154, 21.4085

Rectangle

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



15.5729, 14.4154, 19.1012



15.8046, 14.4154, 13.8857



11.9862, 14.4154, 12.7215



11.7936, 14.4154, 17.6570

Sweetspot

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



15.5733, 14.4160, 19.1015



30.0749, 30.4905, 35.2102



13.4274, 13.2959, 19.6282



7.0938, 7.1614, 8.3248



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5733, 14.4160, 19.1015



26.5898, 23.8303, 33.0927



15.0102, 14.1908, 16.1359



4.1380, 4.0709, 4.9246



11.4001, 5.5362, 15.9296



54.2010, 26.3367, 75.0455

Inverse Universe

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



15.5733, 14.4160, 19.1015



26.5898, 23.8303, 33.0927



14.8971, 17.3125, 17.8862



4.1380, 4.0709, 4.9246



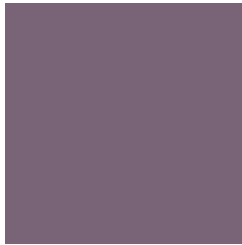
11.4001, 5.5362, 15.9296



54.2010, 26.3367, 75.0455

Previews

White Background



This preview shows how the XYZ color 15.5729, 14.4154, 19.1012 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 15.5729, 14.4154, 19.1012 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 15.5729, 14.4154, 19.1012

Background



This preview shows how black text looks on a background with the XYZ color 15.5729, 14.4154, 19.1012.



This preview shows how white text looks on a background with the XYZ color 15.5729, 14.4154,

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

15.5729, 14.4154, 19.1012

Protanopia

14.0963, 14.3672, 20.1194

Deuteranopia

14.6167, 14.3644, 18.8318



Tritanopia

15.0217, 14.3334, 16.4429

Trichromacy



Original Color

15.5729, 14.4154, 19.1012

Protanomaly

14.5471, 14.3078, 19.7643

Deuteranomaly

14.9017, 14.3645, 18.8168

Tritanomaly

15.1861, 14.3992, 17.3082

Monochromacy



Original Color

15.5729, 14.4154, 19.1012

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6583, 14.7177, 17.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5729, 14.4154, 19.1012 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(120, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 100, 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(120, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 100, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.5729, 14.4154, 19.1012 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(120, 100, 118) }
```


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

```
.border{ border-color:rgb(120, 100, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 100, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 100,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5729, 14.4154, 19.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 100, 118) }
```

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

```
.background{ background-color: rgb(120,  
100, 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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