

Converting Colors

XYZ(15.9166, 14.7561, 18.2290)

Have a look what the booklet for
XYZ(15.9166, 14.7561, 18.2290)
contains.

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Color

**XYZ(15.9166, 14.7561,
18.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6573
RGB	123, 101, 115
RGB Percent	48%, 40%, 45%
CMY	0.5176, 0.6039, 0.5490
CMYK	0.00, 0.18, 0.07, 0.52
HSL	322°, 10%, 44%
HSV	322°, 18%, 48%
XYZ	15.9166, 14.7561, 18.2290
YIQ	109.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

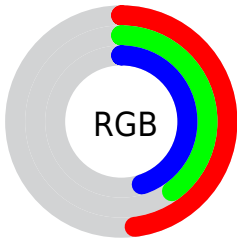
Format	Color
R_{YB}	123, 101, 115
Decimal	8086899
CIE Lab	45.30, 11.38, -4.54
CIE LCh	45, 12.253, 338.239
Yxy	14.7561, 0.3255, 0.3018
Android (android.graphics.Color)	4286276979 (0xFF7B6573)
YUV	109.1740, 2.8722, 12.1254
Hunter-Lab	38.4137, 6.7371, -1.2462

Details

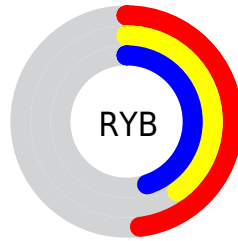
The XYZ color **15.9166, 14.7561, 18.2290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2107, 18.0372, 17.1487**, and the grayscale version is **14.5759, 15.3350, 16.6998**.

A 20% lighter version of the original color is **36.1078, 34.4766, 41.3108**, and **5.1563, 4.4994, 5.9069** is the 20% darker color. If you saturate the color by 10%, you get **14.5595, 12.4437, 16.5374**, and if you desaturate by 10%, it is **17.4658, 17.4323, 20.0466**.

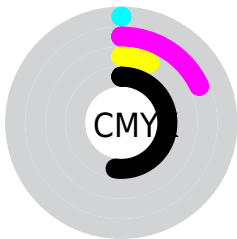
Distribution



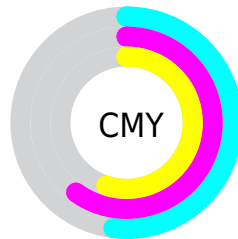
- Red (48%)
- Green (40%)
- Blue (45%)



- Red (48%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9166, 14.7561, 18.2290 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 15.9166, 14.7561, 18.2290 by changing the saturation by 10% instead.

■ 15.9166, 14.7561,
18.2290

■ 15.9166, 14.7561,
18.2290

222.1292,
221.8852, 254.4380

■ 9.5556, 8.6484,
10.9434

■ 36.0120, 34.4247,
41.2463

■ 5.1653, 4.5126,
5.9151

■ 50.4771, 48.7545,
57.8152

■ 2.3803, 1.9642,
2.7256

■ 68.3743, 66.5936,
78.3154

■ 0.8353, 0.5866,
0.9563

■ 90.0690, 88.3267,
103.1658

■ 0.0000, 0.0000,
0.0000

115.9264,
114.3379, 132.7846

146.3120,

145.0118, 167.5906

181.5912,
180.7328, 208.0022

■ 15.9166, 14.7561,
18.2290

■ 15.9166, 14.7561,
18.2290

■ 14.5595, 12.4437,
16.5374

■ 17.4658, 17.4323,
20.0466

■ 13.3851, 10.4773,
14.9673

■ 19.2135, 20.4853,
21.9927

■ 12.3852, 8.8404,
13.5153

■ 21.1671, 23.9298,
24.0708

■ 11.5504, 7.5145,
12.1773

■ 23.3336, 27.7791,
26.2839

■ 10.8703, 6.4791,
10.9489

■ 25.7194, 32.0461,
28.6351

■ 10.3333, 5.7115,
9.8254

■ 28.3307, 36.7427,
31.1272

■ 9.9260, 5.1851,
8.8013

■ 31.1735, 41.8807,
33.7629

■ 9.6159, 4.8352,
7.8647

■ 34.2535, 47.4713,
36.5449

■ 9.5533, 4.7649,
7.6745

■ 37.5762, 53.5253,
39.4759

Harmonies

Analogous

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



15.2679, 14.7561, 20.8679



15.9166, 14.7561, 18.2290



16.0463, 14.7561, 15.2793

Triad

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



15.9166, 14.7561, 18.2290



13.7475, 14.7561, 11.1466



12.5478, 14.7561, 19.7798

Complementary

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



15.9166, 14.7561, 18.2290



15.2107, 18.0372, 17.1487

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.



12.1814, 14.7561, 16.8810



15.9166, 14.7561, 18.2290



12.8519, 14.7561, 12.0652

Square

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



15.9166, 14.7561, 18.2290



14.7611, 14.7561, 11.4157



12.2900, 14.7561, 14.0829



13.3142, 14.7561, 21.8358

Rectangle

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



15.9166, 14.7561, 18.2290



15.8154, 14.7561, 13.5652



12.2900, 14.7561, 14.0829



12.3755, 14.7561, 18.8586

Sweetspot

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



15.9170, 14.7568, 18.2293



32.1045, 32.6575, 36.8369



14.4993, 13.9703, 20.6716



7.5195, 7.6189, 8.6288



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9170, 14.7568, 18.2293



27.5812, 24.8474, 31.5176



15.3366, 14.5246, 15.1726



4.0955, 4.0539, 4.7008



9.8800, 4.9282, 7.9251



46.7094, 23.3401, 35.5953

Inverse Universe

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



15.9170, 14.7568, 18.2293



27.5812, 24.8474, 31.5176



15.8223, 18.2818, 20.3692



4.0955, 4.0539, 4.7008



9.8800, 4.9282, 7.9251



46.7094, 23.3401, 35.5953

Previews

White Background



This preview shows how the XYZ color 15.9166, 14.7561, 18.2290 looks on a white background.

Color Contrast Check

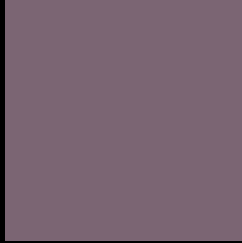
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9166, 14.7561, 18.2290 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 15.9166, 14.7561, 18.2290

Background



This preview shows how black text looks on a background with the XYZ color 15.9166, 14.7561, 18.2290.



This preview shows how white text looks on a background with the XYZ color 15.9166, 14.7561,

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

15.9166, 14.7561, 18.2290

Protanopia

14.4716, 14.8876, 19.2504

Deuteranopia

15.0578, 14.7604, 17.9750



Tritanopia

15.5919, 14.7661, 16.7802

Trichromacy



Original Color

15.9166, 14.7561, 18.2290

Protanomaly

14.9446, 14.8322, 18.9049

Deuteranomaly

15.3587, 14.7670, 17.9604

Tritanomaly

15.7020, 14.8102, 17.3603

Monochromacy



Original Color

15.9166, 14.7561, 18.2290

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9627, 15.0332, 17.1520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9166, 14.7561, 18.2290 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(123, 101, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 101, 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(123, 101, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 101, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.9166, 14.7561, 18.2290 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(123, 101, 115) }
```


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

```
.border{ border-color:rgb(123, 101, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 101, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 101, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 101, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 101,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9166, 14.7561, 18.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 101, 115) }
```

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

```
.background{ background-color: rgb(123,  
101, 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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