

Converting Colors

XYZ(16.7705, 15.7159, 20.0999)

Have a look what the booklet for
XYZ(16.7705, 15.7159, 20.0999)
contains.

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Color

**XYZ(16.8149, 15.7687,
20.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6979
RGB	124, 105, 121
RGB Percent	49%, 41%, 47%
CMY	0.5137, 0.5882, 0.5255
CMYK	0.00, 0.15, 0.02, 0.51
HSL	309°, 8%, 45%
HSV	309°, 15%, 49%
XYZ	16.8149, 15.7687, 20.2466
YIQ	112.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

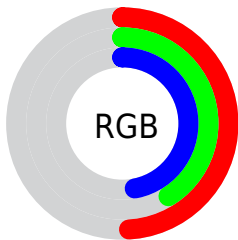
Format	Color
R_{YB}	124, 105, 121
Decimal	8153465
CIE _{Lab}	46.67, 10.56, -6.10
CIE _{LCh}	47, 12.197, 329.970
Yxy	15.7687, 0.3183, 0.2985
Android (android.graphics.Color)	4286343545 (0xFF7C6979)
YUV	112.5050, 4.1880, 10.0811
Hunter-Lab	39.7098, 6.0926, -2.4329

Details

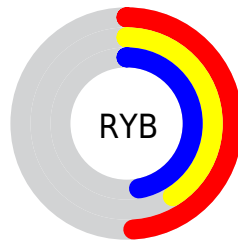
The XYZ color **16.8149, 15.7687, 20.2466** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7407, 18.5016, 16.9297**, and the grayscale version is **15.5367, 16.3459, 17.8006**.

A 20% lighter version of the original color is **37.5628, 36.1412, 44.5313**, and **5.6173, 5.0030, 6.9729** is the 20% darker color. If you saturate the color by 10%, you get **15.5242, 13.3772, 19.2301**, and if you desaturate by 10%, it is **18.2932, 18.5309, 21.3380**.

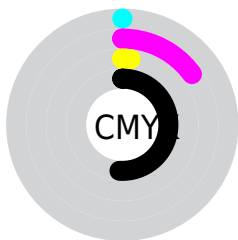
Distribution



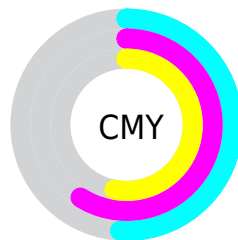
- Red (49%)
- Green (41%)
- Blue (47%)



- Red (49%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8149, 15.7687, 20.2466 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 16.8149, 15.7687, 20.2466 by changing the saturation by 10% instead.

■ 16.8149, 15.7687,
20.2466

■ 16.8149, 15.7687,
20.2466

227.2805,
227.9730, 265.8953

■ 10.1971, 9.3606,
12.3886

■ 37.5534, 36.1962,
44.6946

■ 5.5931, 4.9771,
6.8831

■ 52.4048, 50.9844,
62.1217

■ 2.6376, 2.2339,
3.3118

■ 70.7314, 69.3348,
83.5756

■ 0.9651, 0.7384,
1.2560

■ 92.8986, 91.6317,
109.4747

■ 0.0000, 0.0000,
0.0253

119.2718,
118.2596, 140.2377

■ 0.0000, 0.0000,
0.0000

150.2163,

149.6028, 176.2831

186.0974,
186.0458, 218.0295

■ 16.8149, 15.7687,
20.2466

■ 16.8149, 15.7687,
20.2466

■ 15.5242, 13.3772,
19.2301

■ 18.2932, 18.5309,
21.3380

■ 14.4117, 11.3386,
18.2848

■ 19.9651, 21.6766,
22.5059

■ 13.4693, 9.6363,
17.4081

■ 21.8381, 25.2207,
23.7529

■ 12.6878, 8.2520,
16.5968

■ 23.9190, 29.1765,
25.0815

■ 12.0571, 7.1654,
15.8475

■ 26.2141, 33.5568,
26.4938

■ 11.5659, 6.3541,
15.1564

■ 28.7296, 38.3737,
27.9919

■ 11.2013, 5.7921,
14.5191

■ 31.4712, 43.6391,
29.5779

■ 10.9424, 5.4380,
13.9286

■ 34.4448, 49.3641,
31.2536

■ 10.8324, 5.2932,
13.6599

■ 37.6556, 55.5597,
33.0210

Harmonies

Analogous

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



16.0249, 15.7687, 22.7147



16.8149, 15.7687, 20.2466



17.1109, 15.7687, 17.1725

Triad

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



16.8149, 15.7687, 20.2466



14.9887, 15.7687, 11.9869



13.2969, 15.7687, 20.2407

Complementary

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



16.8149, 15.7687, 20.2466



15.7407, 18.5016, 16.9297

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.



13.0478, 15.7687, 17.1664



16.8149, 15.7687, 20.2466



13.9962, 15.7687, 12.6092

Square

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



16.8149, 15.7687, 20.2466



16.0268, 15.7687, 12.6116



13.2979, 15.7687, 14.4210



13.9945, 15.7687, 22.7111

Rectangle

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



16.8149, 15.7687, 20.2466



16.9779, 15.7687, 15.2593



13.2979, 15.7687, 14.4210



13.1594, 15.7687, 19.2327

Sweetspot

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



16.8154, 15.7694, 20.2469



32.2474, 32.7147, 37.5898



14.8564, 14.7379, 21.1306



7.5569, 7.6339, 8.8258



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.



16.8154, 15.7694, 20.2469



28.8505, 26.3741, 35.0600



16.2694, 15.5510, 17.3720



4.1286, 4.0672, 4.8749



11.0113, 5.3807, 13.8824



52.2662, 25.5628, 64.8569

Inverse Universe

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



16.8154, 15.7694, 20.2469



28.8505, 26.3741, 35.0600



16.2653, 18.7115, 19.6925



4.1286, 4.0672, 4.8749



11.0113, 5.3807, 13.8824



52.2662, 25.5628, 64.8569

Previews

White Background



This preview shows how the XYZ color 16.8149, 15.7687, 20.2466 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 16.8149, 15.7687, 20.2466 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 16.8149, 15.7687, 20.2466

Background



This preview shows how black text looks on a background with the XYZ color 16.8149, 15.7687, 20.2466.



This preview shows how white text looks on a background with the XYZ color 16.8149, 15.7687,

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

16.8149, 15.7687, 20.2466

Protanopia

15.5207, 15.8583, 21.3117

Deuteranopia

16.0888, 15.8631, 19.9832



Tritanopia

16.3597, 15.7339, 18.0943

Trichromacy



Original Color

16.8149, 15.7687, 20.2466

Protanomaly

15.8771, 15.7326, 20.9388

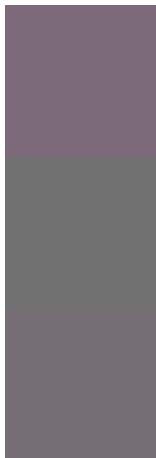
Deuteranomaly

16.3936, 15.8645, 19.9674

Tritanomaly

16.5333, 15.8034, 19.0086

Monochromacy



Original Color

16.8149, 15.7687, 20.2466

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0644, 16.1947, 18.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8149, 15.7687, 20.2466 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(124, 105, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 105, 121)  
}
```

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(124, 105, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 105, 121) }
```

Border

The CSS property to change the border of an element to XYZ 16.8149, 15.7687, 20.2466 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(124, 105, 121) }
```


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

```
.border{ border-color:rgb(124, 105, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 105, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 105, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 105, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 105,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8149, 15.7687, 20.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 105, 121) }
```

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

```
.background{ background-color: rgb(124,  
105, 121) }
```

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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