

Converting Colors

XYZ(16.4333, 15.1514, 19.8580)

Have a look what the booklet for
XYZ(16.4333, 15.1514, 19.8580)
contains.

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Color

**XYZ(16.4537, 15.1439,
19.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6678
RGB	124, 102, 120
RGB Percent	49%, 40%, 47%
CMY	0.5137, 0.6000, 0.5294
CMYK	0.00, 0.18, 0.03, 0.51
HSL	311°, 10%, 44%
HSV	311°, 18%, 49%
XYZ	16.4537, 15.1439, 19.8252
YIQ	110.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

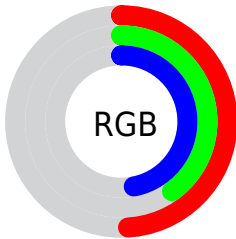
Format	Color
R_{YB}	124, 102, 120
Decimal	8152696
CIE _{Lab}	45.83, 12.15, -6.75
CIE _{LCh}	46, 13.901, 330.938
Yxy	15.1439, 0.3200, 0.2945
Android (android.graphics.Color)	4286342776 (0xFF7C6678)
YUV	110.6300, 4.6194, 11.7255
Hunter-Lab	38.9152, 7.3700, -2.9645

Details

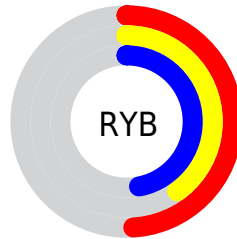
The XYZ color **16.4537, 15.1439, 19.8252** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2892, 18.2811, 16.3592**, and the grayscale version is **14.9883, 15.7689, 17.1723**.

A 20% lighter version of the original color is **36.9691, 35.1081, 43.8578**, and **5.4375, 4.6961, 6.7507** is the 20% darker color. If you saturate the color by 10%, you get **15.1900, 12.8326, 18.7369**, and if you desaturate by 10%, it is **17.9039, 17.8224, 20.9919**.

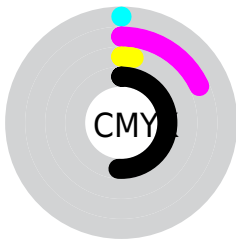
Distribution



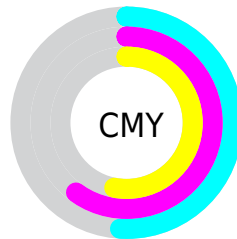
- Red (49%)
- Green (40%)
- Blue (47%)



- Red (49%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4537, 15.1439, 19.8252 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 16.4537, 15.1439, 19.8252 by changing the saturation by 10% instead.

■ 16.4537, 15.1439,
19.8252

■ 16.4537, 15.1439,
19.8252

225.2224,
224.2356, 263.5401

■ 9.9386, 8.9204,
12.0852

■ 36.9352, 35.1054,
43.9790

■ 5.4203, 4.6893,
6.6785

■ 51.6323, 49.6123,
61.2300

■ 2.5332, 2.0662,
3.1865

■ 69.7876, 67.6491,
82.4883

■ 0.9120, 0.6455,
1.1906

■ 91.7662, 89.6001,
108.1726

■ 0.0000, 0.0000,
0.0000

117.9337,
115.8499, 138.7014

148.6553,

146.7829, 174.4932

184.2964,
182.7833, 215.9666

■ 16.4537, 15.1439,
19.8252

■ 16.4537, 15.1439,
19.8252

■ 15.1900, 12.8326,
18.7369

■ 17.9039, 17.8224,
20.9919

■ 14.1032, 10.8705,
17.7232

■ 19.5467, 20.8813,
22.2386

■ 13.1853, 9.2407,
16.7815

■ 21.3898, 24.3355,
23.5682

■ 12.4266, 7.9245,
15.9084

■ 23.4400, 28.1985,
24.9831

■ 11.8168, 6.9012,
15.1005

■ 25.7037, 32.4834,
26.4855

■ 11.3443, 6.1474,
14.3536

■ 28.1871, 37.2023,
28.0775

■ 10.9958, 5.6364,
13.6633

■ 30.8962, 42.3672,
29.7612

■ 10.7391, 5.3046,
13.0188

■ 33.8366, 47.9895,
31.5387

■ 10.6835, 5.2336,
12.8760

■ 37.0139, 54.0799,
33.4119

Harmonies

Analogous

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



15.5831, 15.1439, 22.6638



16.4537, 15.1439, 19.8252



16.7654, 15.1439, 16.3838

Triad

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



16.4537, 15.1439, 19.8252



14.3570, 15.1439, 10.8438



12.5471, 15.1439, 20.0327

Complementary

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



16.4537, 15.1439, 19.8252



15.2892, 18.2811, 16.3592

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.



12.2572, 15.1439, 16.5949



16.4537, 15.1439, 19.8252



13.2667, 15.1439, 11.5521

Square

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



16.4537, 15.1439, 19.8252



15.5159, 15.1439, 11.4690



12.5135, 15.1439, 13.5500



13.3272, 15.1439, 22.7946

Rectangle

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



16.4537, 15.1439, 19.8252



16.6016, 15.1439, 14.2898



12.5135, 15.1439, 13.5500



12.3910, 15.1439, 18.9033

Sweetspot

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



16.4541, 15.1446, 19.8255



32.2307, 32.7080, 37.5017



14.2944, 14.0026, 21.0183



7.5525, 7.6321, 8.8027



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.



16.4541, 15.1446, 19.8255



28.0815, 25.0475, 34.1522



15.8424, 14.8998, 16.6039



4.1247, 4.0656, 4.8544



10.8599, 5.3201, 13.0850



51.5153, 25.2625, 60.9031

Inverse Universe

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



16.4541, 15.1446, 19.8255



28.0815, 25.0475, 34.1522



15.8790, 18.5170, 19.4647



4.1247, 4.0656, 4.8544



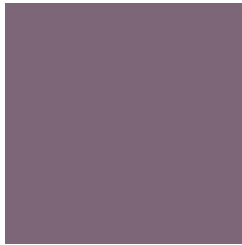
10.8599, 5.3201, 13.0850



51.5153, 25.2625, 60.9031

Previews

White Background



This preview shows how the XYZ color 16.4537, 15.1439, 19.8252 looks on a white background.

Color Contrast Check

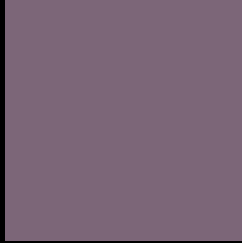
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4537, 15.1439, 19.8252 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 16.4537, 15.1439, 19.8252

Background



This preview shows how black text looks on a background with the XYZ color 16.4537, 15.1439, 19.8252.



This preview shows how white text looks on a background with the XYZ color 16.4537, 15.1439,

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

16.4537, 15.1439, 19.8252

Protanopia

14.9445, 15.2445, 21.2236

Deuteranopia

15.4232, 15.2174, 19.5771



Tritanopia

15.9433, 15.0813, 17.3999

Trichromacy



Original Color

16.4537, 15.1439, 19.8252

Protanomaly

15.5392, 15.2488, 20.8632

Deuteranomaly

15.8526, 15.2866, 19.5679

Tritanomaly

16.1131, 15.1493, 18.2945

Monochromacy



Original Color

16.4537, 15.1439, 19.8252

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.6023, 15.6530, 18.1186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4537, 15.1439, 19.8252 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, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 102, 120)  
}
```

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, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 102, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.4537, 15.1439, 19.8252 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, 102, 120) }
```


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

```
.border{ border-color:rgb(124, 102, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 102, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 102, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 102,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4537, 15.1439, 19.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 102, 120) }
```

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

```
.background{ background-color: rgb(124,  
102, 120) }
```

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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