

Converting Colors

XYZ(16.6180, 14.9071, 19.3024)

Have a look what the booklet for
XYZ(16.6180, 14.9071, 19.3024)
contains.

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Color

**XYZ(16.6393, 14.9583,
19.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6477
RGB	127, 100, 119
RGB Percent	50%, 39%, 47%
CMY	0.5020, 0.6078, 0.5333
CMYK	0.00, 0.21, 0.06, 0.50
HSL	318°, 12%, 45%
HSV	318°, 21%, 50%
XYZ	16.6393, 14.9583, 19.4630
YIQ	110.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

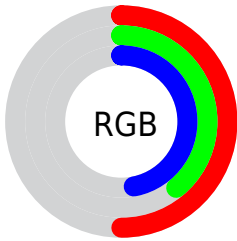
Format	Color
R_{YB}	127, 100, 119
Decimal	8348791
CIE _{Lab}	45.58, 14.29, -6.50
CIE _{LCh}	46, 15.695, 335.553
Yxy	14.9583, 0.3259, 0.2930
Android (android.graphics.Color)	4286538871 (0xFF7F6477)
YUV	110.2390, 4.3192, 14.6994
Hunter-Lab	38.6760, 9.1119, -2.7635

Details

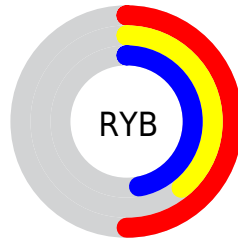
The XYZ color **16.6393, 14.9583, 19.4630** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5522, 18.9711, 17.0303**, and the grayscale version is **14.8760, 15.6507, 17.0436**.

A 20% lighter version of the original color is **37.2397, 34.7768, 43.2779**, and **5.5523, 4.6208, 6.5605** is the 20% darker color. If you saturate the color by 10%, you get **15.2934, 12.6209, 17.9214**, and if you desaturate by 10%, it is **18.1849, 17.6804, 21.1157**.

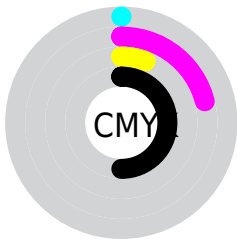
Distribution



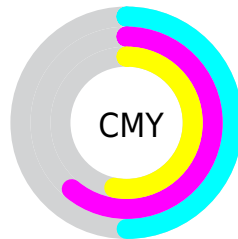
- Red (50%)
- Green (39%)
- Blue (47%)



- Red (50%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6393, 14.9583, 19.4630 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 16.6393, 14.9583, 19.4630 by changing the saturation by 10% instead.

■ 16.6393, 14.9583,
19.4630

■ 16.6393, 14.9583,
19.4630

226.2821,
223.1137, 261.5004

■ 10.0714, 8.7901,
11.8251

■ 37.2531, 34.7800,
43.3621

■ 5.5089, 4.6045,
6.5036

■ 52.0297, 49.2023,
60.4604

■ 2.5866, 2.0172,
3.0800

■ 70.2732, 67.1448,
81.5492

■ 0.9392, 0.6174,
1.1356

■ 92.3490, 88.9919,
107.0471

■ 0.0000, 0.0000,
0.0000

118.6224,
115.1279, 137.3726

149.4589,

145.9373, 172.9443

185.2236,
181.8044, 214.1807

■ 16.6393, 14.9583,
19.4630

■ 16.6393, 14.9583,
19.4630

■ 15.2934, 12.6209,
17.9214

■ 18.1849, 17.6804,
21.1157

■ 14.1371, 10.6487,
16.4865

■ 19.9372, 20.8016,
22.8818

■ 13.1612, 9.0234,
15.1548

■ 21.9045, 24.3382,
24.7647

■ 12.3553, 7.7241,
13.9225

■ 24.0943, 28.3048,
26.7673

■ 11.7078, 6.7282,
12.7850

■ 26.5134, 32.7153,
28.8925

■ 11.2058, 6.0095,
11.7376

■ 29.1687, 37.5830,
31.1431

■ 10.8340, 5.5380,
10.7746

■ 32.0666, 42.9207,
33.5215

■ 10.5711, 5.2395,
9.9866

■ 35.2134, 48.7406,
36.0303

■ 38.6149, 55.0546,
38.6720

Harmonies

Analogous

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



15.7350, 14.9583, 22.8989



16.6393, 14.9583, 19.4630



16.8784, 14.9583, 15.5980

Triad

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



16.6393, 14.9583, 19.4630



13.9747, 14.9583, 10.1036



12.2626, 14.9583, 20.8585

Complementary

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



16.6393, 14.9583, 19.4630



15.5522, 18.9711, 17.0303

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.



11.8519, 14.9583, 16.9961



16.6393, 14.9583, 19.4630



12.8007, 14.9583, 11.0888

Square

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



16.6393, 14.9583, 19.4630



15.2870, 14.9583, 10.5566



12.0427, 14.9583, 13.4769



13.1990, 14.9583, 23.7875

Rectangle

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



16.6393, 14.9583, 19.4630



16.6164, 14.9583, 13.3657



12.0427, 14.9583, 13.4769



12.0612, 14.9583, 19.6058

Sweetspot

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



16.6397, 14.9590, 19.4633



34.1225, 34.4288, 39.4049



14.5304, 13.8137, 21.9792



7.9509, 7.9928, 9.1873



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.6397, 14.9590, 19.4633



28.4619, 24.4597, 33.3495



15.9038, 14.6646, 15.5879



4.4456, 4.3914, 5.1508



10.6606, 5.2839, 10.0684



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6397, 14.9590, 19.4633



28.4619, 24.4597, 33.3495



16.3058, 19.2725, 20.9983



4.4456, 4.3914, 5.1508



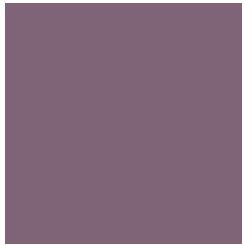
10.6606, 5.2839, 10.0684



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6393, 14.9583, 19.4630 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 16.6393, 14.9583, 19.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

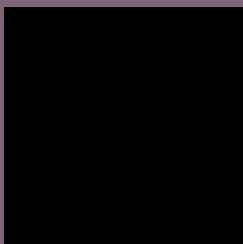
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

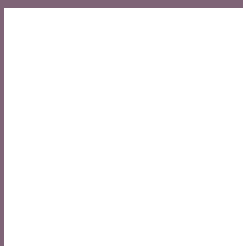
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6393, 14.9583, 19.4630

Background



This preview shows how black text looks on a background with the XYZ color 16.6393, 14.9583, 19.4630.



This preview shows how white text looks on a background with the XYZ color 16.6393, 14.9583,

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

16.6393, 14.9583, 19.4630

Protanopia

14.7215, 14.9739, 21.1831

Deuteranopia

15.2610, 14.9886, 19.2283



Tritanopia

16.1700, 15.0642, 16.8073

Trichromacy



Original Color

16.6393, 14.9583, 19.4630

Protanomaly

15.2732, 14.8165, 20.4672

Deuteranomaly

15.7280, 14.9304, 19.1924

Tritanomaly

16.2385, 14.9352, 17.6497

Monochromacy



Original Color

16.6393, 14.9583, 19.4630

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3371, 15.2133, 17.7509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6393, 14.9583, 19.4630 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(127, 100, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 100, 119)  
}
```

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(127, 100, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 100, 119) }
```

Border

The CSS property to change the border of an element to XYZ 16.6393, 14.9583, 19.4630 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(127, 100, 119) }
```


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

```
.border{ border-color:rgb(127, 100, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 100, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 100, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 100, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 100,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6393, 14.9583, 19.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 100, 119) }
```

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

```
.background{ background-color: rgb(127,  
100, 119) }
```

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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