

Converting Colors

XYZ(15.4625, 18.4483, 19.6445)

Have a look what the booklet for
XYZ(15.4625, 18.4483, 19.6445)
contains.

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Color

**XYZ(15.4743, 18.4930,
19.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	617D75
RGB	97, 125, 117
RGB Percent	38%, 49%, 46%
CMY	0.6196, 0.5098, 0.5412
CMYK	0.22, 0.00, 0.06, 0.51
HSL	163°, 13%, 44%
HSV	163°, 22%, 49%
XYZ	15.4743, 18.4930, 19.5835
YIQ	115.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

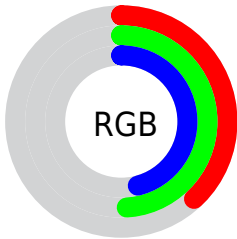
Format	Color
R_{YB}	97, 113, 125
Decimal	6389109
CIE Lab	50.09, -11.85, 1.05
CIE LCh	50, 11.892, 174.928
Yxy	18.4930, 0.2890, 0.3453
Android (android.graphics.Color)	4284579189 (0xFF617D75)
YUV	115.7160, 0.6330, -16.4139
Hunter-Lab	43.0035, -11.0250, 3.1022

Details

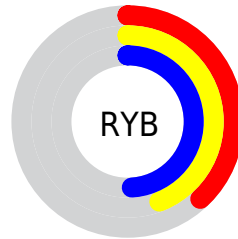
The XYZ color **15.4743, 18.4930, 19.5835** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2827, 13.9298, 15.2488**, and the grayscale version is **16.5152, 17.3753, 18.9217**.

A 20% lighter version of the original color is **35.2946, 41.0013, 43.5899**, and **4.9740, 6.2767, 6.5796** is the 20% darker color. If you saturate the color by 10%, you get **14.0400, 17.7779, 18.4411**, and if you desaturate by 10%, it is **17.1276, 19.3211, 20.7788**.

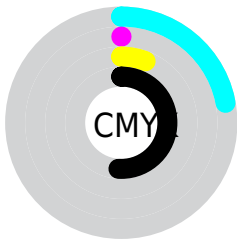
Distribution



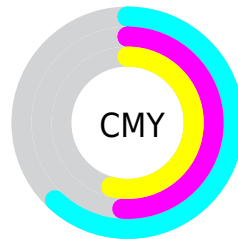
- Red (38%)
- Green (49%)
- Blue (46%)



- Red (38%)
- Yellow (44%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4743, 18.4930, 19.5835 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 15.4743, 18.4930, 19.5835 by changing the saturation by 10% instead.

■ 15.4743, 18.4930,
19.5835

■ 15.4743, 18.4930,
19.5835

219.5513,
243.6353, 262.1806

■ 9.2414, 11.3045,
11.9116

■ 35.2480, 40.8756,
43.5675

■ 4.9573, 6.2720,
6.5617

■ 49.5195, 56.8385,
60.7167

■ 2.2568, 3.0112,
3.1153

■ 67.2013, 76.4950,
81.8621

■ 0.7724, 1.1376,
1.1538

■ 88.6586, 100.2295,
107.4222

■ 0.0000, 0.0098,
0.0000

114.2570,
128.4264, 137.8156

■ 0.0000, 0.0000,
0.0000

144.3616,

161.4701, 173.4607

179.3379,
199.7449, 214.7762

■ 15.4743, 18.4930,
19.5835

■ 15.4743, 18.4930,
19.5835

■ 14.0400, 17.7779,
18.4411

■ 17.1276, 19.3211,
20.7788

■ 12.8132, 17.1683,
17.3494

■ 19.0076, 20.2646,
22.0266

■ 11.7837, 16.6596,
16.3078

■ 21.1234, 21.3287,
23.3282

■ 10.9400, 16.2458,
15.3154

■ 23.4835, 22.5178,
24.6844

■ 10.2691, 15.9201,
14.3711

■ 26.0954, 23.8358,
26.0961

■ 9.7563, 15.6751,
13.4736

■ 28.9669, 25.2865,
27.5639

■ 9.3844, 15.5018,
12.6217

■ 32.1049, 26.8737,
29.0887

■ 9.1489, 15.3939,
12.0022

■ 35.5165, 28.6010,
30.6711

■ 39.2081, 30.4716,
32.3120

Harmonies

Analogous

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



15.8363, 18.4930, 16.7261



15.4743, 18.4930, 19.5835



15.6555, 18.4930, 22.9114

Triad

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



15.4743, 18.4930, 19.5835



18.5212, 18.4930, 26.4108



18.8725, 18.4930, 15.4043

Complementary

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



15.4743, 18.4930, 19.5835



15.2827, 13.9298, 15.2488

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.



19.6498, 18.4930, 17.5938



15.4743, 18.4930, 19.5835



19.4409, 18.4930, 23.9798

Square

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



15.4743, 18.4930, 19.5835



17.3831, 18.4930, 27.0907



19.8621, 18.4930, 20.6983



17.7724, 18.4930, 14.4863

Rectangle

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



15.4743, 18.4930, 19.5835



16.0642, 18.4930, 24.9241



19.8621, 18.4930, 20.6983



19.1821, 18.4930, 16.0036

Sweetspot

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



15.4748, 18.4938, 19.5839



32.3792, 35.4551, 38.3650



15.3647, 18.5587, 14.0820



7.3327, 8.0485, 8.7051



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.



15.4748, 18.4938, 19.5839



26.3133, 32.4187, 33.9820



15.2766, 17.3119, 21.9393



4.3957, 4.8666, 5.2548



9.5452, 16.0647, 12.5098



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2827, 13.9298, 15.2488



25.9045, 22.6922, 24.7471



15.4263, 14.8447, 13.3619



4.3744, 4.3629, 4.7761



9.1522, 4.6806, 2.1252



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4743, 18.4930, 19.5835 looks on a white 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

Black Background



This preview shows how the XYZ color 15.4743, 18.4930, 19.5835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

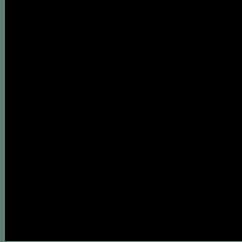
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

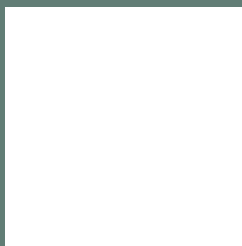
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4743, 18.4930, 19.5835

Background



This preview shows how black text looks on a background with the XYZ color 15.4743, 18.4930, 19.5835.

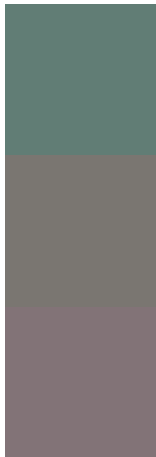


This preview shows how white text looks on a background with the XYZ color 15.4743, 18.4930,

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

15.4743, 18.4930, 19.5835

Protanopia

17.4851, 18.2867, 18.2309

Deuteranopia

18.6664, 18.3392, 20.0088



Tritanopia

16.5721, 18.5687, 24.9010

Trichromacy



Original Color

15.4743, 18.4930, 19.5835

Protanomaly

16.6847, 18.4004, 18.5918

Deuteranomaly

17.3381, 18.3532, 19.7683

Tritanomaly

16.1840, 18.6003, 22.8159

Monochromacy



Original Color

15.4743, 18.4930, 19.5835

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.0559, 17.7058, 19.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4743, 18.4930, 19.5835 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(97, 125, 117) looks like.

```
.text, #text, p{  
    color:rgb(97, 125, 117)  
}
```

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(97, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 125, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.4743, 18.4930, 19.5835 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(97, 125, 117) }
```


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

```
.border{ border-color:rgb(97, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 125,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4743, 18.4930, 19.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 125, 117) }
```

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

```
.background{ background-color: rgb(97, 125,  
117) }
```

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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