

Converting Colors

XYZ(14.7329, 16.7455, 19.5461)

Have a look what the booklet for
XYZ(14.7329, 16.7455, 19.5461)
contains.

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Color

**XYZ(14.6683, 16.6273,
19.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	627576
RGB	98, 117, 118
RGB Percent	38%, 46%, 46%
CMY	0.6157, 0.5412, 0.5373
CMYK	0.17, 0.01, 0.00, 0.54
HSL	183°, 9%, 42%
HSV	183°, 17%, 46%
XYZ	14.6683, 16.6273, 19.5758
YIQ	111.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

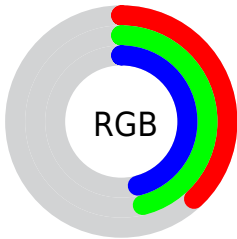
Format	Color
R_{YB}	98, 108, 118
Decimal	6452598
CIE _{Lab}	47.79, -6.75, -2.90
CIE _{LCh}	48, 7.347, 203.270
Yxy	16.6273, 0.2883, 0.3268
Android (android.graphics.Color)	4284642678 (0xFF627576)
YUV	111.4330, 3.2375, -11.7807
Hunter-Lab	40.7766, -7.1484, 0.0800

Details

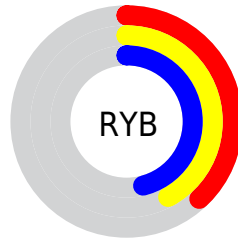
The XYZ color **14.6683, 16.6273, 19.5758** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1377, 13.6569, 13.4464**, and the grayscale version is **15.2290, 16.0221, 17.4481**.

A 20% lighter version of the original color is **33.8381, 37.6678, 43.5174**, and **4.5989, 5.4022, 6.5947** is the 20% darker color. If you saturate the color by 10%, you get **13.4196, 15.8825, 19.4981**, and if you desaturate by 10%, it is **16.1062, 17.4712, 19.6632**.

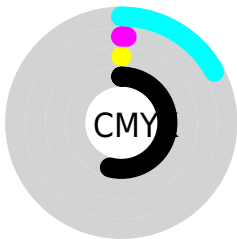
Distribution



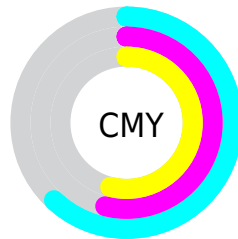
- Red (38%)
- Green (46%)
- Blue (46%)



- Red (38%)
- Yellow (42%)
- Blue (46%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6683, 16.6273, 19.5758 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 14.6683, 16.6273, 19.5758 by changing the saturation by 10% instead.

■ 14.6683, 16.6273,
19.5758

■ 14.6683, 16.6273,
19.5758

214.7781,
233.0154, 262.1372

■ 8.6717, 9.9691,
11.9061

■ 33.8467, 37.6839,
43.5544

■ 4.5831, 5.3785,
6.5580

■ 47.7592, 52.8510,
60.7004

■ 2.0370, 2.4710,
3.1130

■ 65.0410, 71.6233,
81.8421

■ 0.6546, 0.8621,
1.1526

■ 86.0576, 94.3851,
107.3983

■ 0.0000, 0.0000,
0.0000

111.1742,
121.5208, 137.7873

140.7563,

153.4148, 173.4277

175.1691,
190.4516, 214.7382

■ 14.6683, 16.6273,
19.5758

■ 14.6683, 16.6273,
19.5758

■ 13.4196, 15.8825,
19.4981

■ 16.1062, 17.4712,
19.6632

■ 12.3503, 15.2304,
19.4286

■ 17.7394, 18.4159,
19.7594

■ 11.4523, 14.6672,
19.3672

■ 19.5758, 19.4661,
19.8653

■ 10.7159, 14.1879,
19.3135

■ 21.6221, 20.6251,
19.9812

■ 10.1307, 13.7873,
19.2670

■ 23.8850, 21.8964,
20.1073

■ 9.6851, 13.4592,
19.2272

■ 26.3707, 23.2832,
20.2440

■ 9.3655, 13.1968,
19.1934

■ 29.0853, 24.7886,
20.3915

■ 9.1416, 12.9843,
19.1642

■ 32.0345, 26.4157,
20.5501

■ 9.0767, 12.9213,
19.1554

■ 35.2239, 28.1672,
20.7201

Harmonies

Analogous

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



14.5787, 16.6273, 17.6824



14.6683, 16.6273, 19.5758



15.0582, 16.6273, 21.1706

Triad

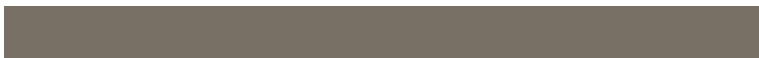
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.6683, 16.6273, 19.5758



16.8410, 16.6273, 20.3619



15.9527, 16.6273, 14.7349

Complementary

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



14.6683, 16.6273, 19.5758



14.1377, 13.6569, 13.4464

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.



16.5735, 16.6273, 15.3494



14.6683, 16.6273, 19.5758



17.0955, 16.6273, 18.5328

Square

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



14.6683, 16.6273, 19.5758



16.3095, 16.6273, 21.6460



16.9963, 16.6273, 16.7085



15.3085, 16.6273, 14.9717

Rectangle

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



14.6683, 16.6273, 19.5758



15.4419, 16.6273, 21.8059



16.9963, 16.6273, 16.7085



16.1712, 16.6273, 14.8473

Sweetspot

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



14.6688, 16.6280, 19.5762



28.8175, 31.0092, 34.6035



13.7519, 16.4483, 14.1713



6.5909, 7.1093, 7.9538



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.6688, 16.6280, 19.5762



24.9755, 28.7526, 34.3704



13.5998, 14.4900, 19.2198



3.7684, 4.1255, 4.6879



9.8169, 13.9735, 20.7223



47.6488, 67.7141, 100.9191

Inverse Universe

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



15.0501, 13.8716, 18.7147



25.7701, 23.0396, 32.5689



15.1092, 15.5999, 13.7702



3.8191, 3.7549, 4.5743



11.2522, 5.4346, 17.0683



54.7376, 26.4452, 82.6707

Previews

White Background



This preview shows how the XYZ color 14.6683, 16.6273, 19.5758 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 14.6683, 16.6273, 19.5758 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

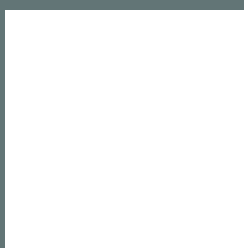
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6683, 16.6273, 19.5758

Background



This preview shows how black text looks on a background with the XYZ color 14.6683, 16.6273, 19.5758.



This preview shows how white text looks on a background with the XYZ color 14.6683, 16.6273,

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

14.6683, 16.6273, 19.5758

Protanopia

15.9391, 16.6255, 18.5886

Deuteranopia

16.7909, 16.5487, 19.7620



Tritanopia

15.0927, 16.6241, 21.8153

Trichromacy



Original Color

14.6683, 16.6273, 19.5758

Protanomaly

15.3540, 16.4837, 18.8954

Deuteranomaly

16.0450, 16.6529, 19.8214

Tritanomaly

14.9038, 16.5486, 20.8210

Monochromacy



Original Color

14.6683, 16.6273, 19.5758

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8862, 16.0893, 18.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6683, 16.6273, 19.5758 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(98, 117, 118) looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 118)  
}
```

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(98, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.6683, 16.6273, 19.5758 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(98, 117, 118) }
```


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

```
.border{ border-color:rgb(98, 117, 118) }
```

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

Here you see how a box with a 4 pixel rgb(98, 117, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 118);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6683, 16.6273, 19.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 118) }
```

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

```
.background{ background-color: rgb(98, 117,  
118) }
```

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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