

Converting Colors

XYZ(14.7217, 18.3531, 19.3442)

Have a look what the booklet for
XYZ(14.7217, 18.3531, 19.3442)
contains.

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Color

**XYZ(14.6377, 18.2574,
19.2755)**

Conversions

Conversions Part 1

Format	Color
Hex	587E74
RGB	88, 126, 116
RGB Percent	35%, 49%, 45%
CMY	0.6549, 0.5059, 0.5451
CMYK	0.30, 0.00, 0.08, 0.51
HSL	164°, 18%, 42%
HSV	164°, 30%, 49%
XYZ	14.6377, 18.2574, 19.2755
YIQ	113.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

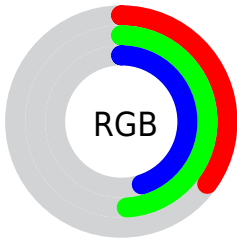
Format	Color
R_{YB}	88, 110, 126
Decimal	5799540
CIE _{Lab}	49.81, -15.64, 1.16
CIE _{LCh}	50, 15.685, 175.757
Yxy	18.2574, 0.2806, 0.3500
Android (android.graphics.Color)	4283989620 (0xFF587E74)
YUV	113.4980, 1.2335, -22.3617
Hunter-Lab	42.7287, -13.6259, 3.1635

Details

The XYZ color **14.6377, 18.2574, 19.2755** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2991, 12.2973, 13.1759**, and the grayscale version is **15.8451, 16.6703, 18.1539**.

A 20% lighter version of the original color is **33.8354, 40.5563, 43.0906**, and **4.5723, 6.1762, 6.4200** is the 20% darker color. If you saturate the color by 10%, you get **13.3572, 17.6196, 18.2268**, and if you desaturate by 10%, it is **16.1323, 19.0057, 20.3710**.

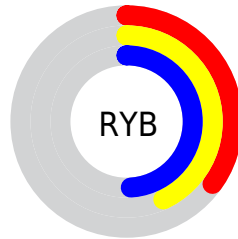
Distribution



Red (35%)

Green (49%)

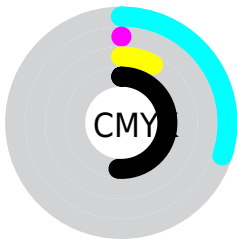
Blue (45%)



Red (35%)

Yellow (43%)

Blue (49%)

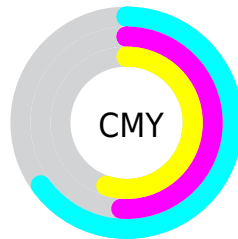


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6377, 18.2574, 19.2755 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 14.6377, 18.2574, 19.2755 by changing the saturation by 10% instead.

■ 14.6377, 18.2574,
19.2755

■ 14.6377, 18.2574,
19.2755

214.5949,
242.3179, 260.4387

■ 8.6502, 11.1349,
11.6907

■ 33.7932, 40.4754,
43.0420

■ 4.5690, 6.1577,
6.4135

■ 47.6919, 56.3398,
60.0608

■ 2.0288, 2.9412,
3.0253

■ 64.9584, 75.8870,
81.0613

■ 0.6501, 1.1011,
1.1075

■ 85.9580, 99.5013,
106.4620

■ 0.0000, 0.0000,
0.0000

■ 111.0561,
127.5671, 136.6816

140.6181,

160.4689, 172.1386

175.0092,
198.5910, 213.2514

■ 14.6377, 18.2574,
19.2755

■ 14.6377, 18.2574,
19.2755

■ 13.3572, 17.6196,
18.2268

■ 16.1323, 19.0057,
20.3710

■ 12.2786, 17.0847,
17.2227

■ 17.8494, 19.8674,
21.5129

■ 11.3907, 16.6473,
16.2627

■ 19.7988, 20.8480,
22.7023

■ 10.6808, 16.3009,
15.3459

■ 21.9892, 21.9521,
23.9400

■ 10.1343, 16.0380,
14.4712

■ 24.4289, 23.1839,
25.2268

■ 9.7345, 15.8499,
13.6375

■ 27.1259, 24.5474,
26.5633

■ 9.4299, 15.7099,
12.8540

■ 30.0875, 26.0466,
27.9503

■ 33.3211, 27.6851,
29.3884

■ 36.8336, 29.4665,
30.8784

Harmonies

Analogous

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



15.0805, 18.2574, 15.5916



14.6377, 18.2574, 19.2755



14.8874, 18.2574, 23.6814

Triad

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



14.6377, 18.2574, 19.2755



18.6344, 18.2574, 28.2673



19.0239, 18.2574, 13.8131

Complementary

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



14.6377, 18.2574, 19.2755



14.2991, 12.2973, 13.1759

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.



20.0771, 18.2574, 16.5074



14.6377, 18.2574, 19.2755



19.8433, 18.2574, 24.8885

Square

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



14.6377, 18.2574, 19.2755



17.1410, 18.2574, 29.2866



20.3851, 18.2574, 20.4954



17.5670, 18.2574, 12.7388

Rectangle

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



14.6377, 18.2574, 19.2755



15.4211, 18.2574, 26.3896



20.3851, 18.2574, 20.4954



19.4401, 18.2574, 14.5386

Sweetspot

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



14.6382, 18.2581, 19.2759



31.7254, 35.1240, 38.0607



14.2742, 18.2312, 11.9993



7.1264, 7.9442, 8.6003



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.



14.6382, 18.2581, 19.2759



24.2183, 31.3652, 32.6855



14.1678, 16.3354, 22.1459



4.3996, 4.8682, 5.2756



9.6719, 16.1153, 13.1770



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2991, 12.2973, 13.1759



23.5256, 19.1526, 20.1980



14.6286, 13.6654, 11.0993



4.3707, 4.3614, 4.7563



9.1094, 4.6635, 1.9001



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6377, 18.2574, 19.2755 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 14.6377, 18.2574, 19.2755 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

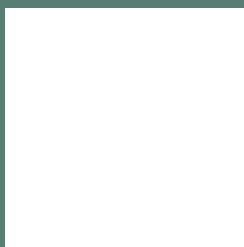
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6377, 18.2574, 19.2755

Background



This preview shows how black text looks on a background with the XYZ color 14.6377, 18.2574, 19.2755.



This preview shows how white text looks on a background with the XYZ color 14.6377, 18.2574,

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

14.6377, 18.2574, 19.2755

Protanopia

17.3737, 18.2421, 17.6443

Deuteranopia

18.3406, 18.0098, 19.6491



Tritanopia

15.7302, 18.1347, 24.8616

Trichromacy



Original Color

14.6377, 18.2574, 19.2755

Protanomaly

16.2484, 18.1820, 18.2759

Deuteranomaly

16.6287, 17.8186, 19.3925

Tritanomaly

15.3528, 18.1718, 22.7770

Monochromacy



Original Color

14.6377, 18.2574, 19.2755

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2246, 17.1148, 18.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6377, 18.2574, 19.2755 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(88, 126, 116)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 116)  
}
```

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(88, 126, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.6377, 18.2574, 19.2755 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(88, 126, 116) }
```


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

```
.border{ border-color:rgb(88, 126, 116) }
```

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

Here you see how a box with a 4 pixel rgb(88, 126, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 116);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6377, 18.2574, 19.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 116) }
```

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

```
.background{ background-color: rgb(88, 126,  
116) }
```

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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