

Converting Colors

XYZ(14.5813, 18.2797, 16.9472)

Have a look what the booklet for
XYZ(14.5813, 18.2797, 16.9472)
contains.

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Color

**XYZ(14.5813, 18.2797,
16.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7E6C
RGB	92, 126, 108
RGB Percent	36%, 49%, 42%
CMY	0.6392, 0.5059, 0.5765
CMYK	0.27, 0.00, 0.14, 0.51
HSL	148°, 16%, 43%
HSV	148°, 27%, 49%
XYZ	14.5813, 18.2797, 16.9472
YIQ	113.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

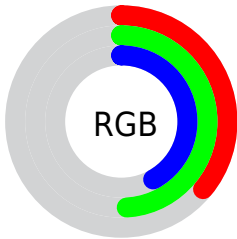
Format	Color
R_{YB}	92, 115, 126
Decimal	6061676
CIE _{Lab}	49.83, -16.10, 5.92
CIE _{LCh}	50, 17.157, 159.803
Yxy	18.2797, 0.2927, 0.3670
Android (android.graphics.Color)	4284251756 (0xFF5C7E6C)
YUV	113.7820, -2.8505, -19.1028
Hunter-Lab	42.7548, -13.9443, 6.4269

Details

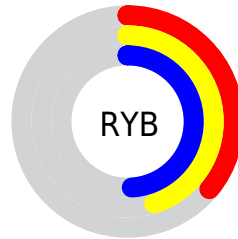
The XYZ color **14.5813, 18.2797, 16.9472** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.2465, 13.2163, 16.5001**, and the grayscale version is **15.9407, 16.7709, 18.2635**.

A 20% lighter version of the original color is **33.7058, 40.5830, 38.8577**, and **4.5784, 6.2026, 5.3708** is the 20% darker color. If you saturate the color by 10%, you get **13.0843, 17.5479, 15.0944**, and if you desaturate by 10%, it is **16.3159, 19.1318, 18.9538**.

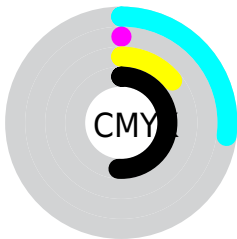
Distribution



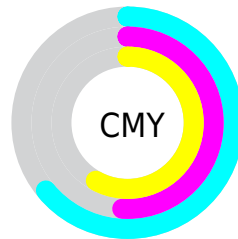
- Red (36%)
- Green (49%)
- Blue (42%)



- Red (36%)
- Yellow (45%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5813, 18.2797, 16.9472 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 14.5813, 18.2797, 16.9472 by changing the saturation by 10% instead.

■ 14.5813, 18.2797,
16.9472

■ 14.5813, 18.2797,
16.9472

214.2568,
242.4429, 246.9016

■ 8.6105, 11.1510,
10.0353

■ 33.6947, 40.5134,
39.0244

■ 4.5430, 6.1685,
5.3165

■ 47.5679, 56.3871,
55.0267

■ 2.0137, 2.9478,
2.3721

■ 64.8060, 75.9446,
74.8963

■ 0.6416, 1.1045,
0.7712

■ 85.7744, 99.5703,
99.0517

■ 0.0000, 0.0000,
0.0000

110.8382,
127.6486, 127.9113

140.3630,

160.5638, 161.8938

174.7141,
198.7005, 201.4177

■ 14.5813, 18.2797,
16.9472

■ 14.5813, 18.2797,
16.9472

■ 13.0843, 17.5479,
15.0944

■ 16.3159, 19.1318,
18.9538

■ 11.8124, 16.9286,
13.3904

■ 18.2968, 20.1072,
21.1164

■ 10.7542, 16.4165,
11.8318

■ 20.5340, 21.2114,
23.4390

■ 9.8969, 16.0050,
10.4147

■ 23.0368, 22.4492,
25.9247

■ 9.2258, 15.6867,
9.1348

■ 25.8136, 23.8249,
28.5767

■ 8.7244, 15.4531,
7.9877

■ 28.8727, 25.3427,
31.3982

■ 8.3592, 15.2871,
6.9680

■ 32.2221, 27.0065,
34.3923

■ 8.2582, 15.2411,
6.6840

■ 35.8691, 28.8203,
37.5617

■ 39.8212, 30.7876,
40.9095

Harmonies

Analogous

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



15.4340, 18.2797, 13.7437



14.5813, 18.2797, 16.9472



14.4502, 18.2797, 21.4800

Triad

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



14.5813, 18.2797, 16.9472



17.9164, 18.2797, 30.1877



19.9096, 18.2797, 14.6669

Complementary

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



14.5813, 18.2797, 16.9472



15.2465, 13.2163, 16.5001

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.



20.6684, 18.2797, 18.4060



14.5813, 18.2797, 16.9472



19.4708, 18.2797, 27.6737

Square

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



14.5813, 18.2797, 16.9472



16.3088, 18.2797, 29.6325



20.5030, 18.2797, 23.1850



18.4852, 18.2797, 12.5778

Rectangle

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



14.5813, 18.2797, 16.9472



14.7806, 18.2797, 24.7348



20.5030, 18.2797, 23.1850



20.2549, 18.2797, 15.7462

Sweetspot

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



14.5818, 18.2805, 16.9476



31.7621, 35.1732, 36.6954



15.8403, 19.0188, 12.9617



7.1178, 7.9479, 8.2320



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.



14.5818, 18.2805, 16.9476



24.0973, 31.4082, 27.9178



15.5683, 18.6750, 22.1423



4.3537, 4.8498, 5.0337



8.4696, 15.6344, 6.8458



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2465, 13.2163, 16.5001



25.4599, 21.0245, 26.9991



14.4136, 12.8831, 12.1143



4.4155, 4.3793, 4.9923



9.8554, 4.9618, 5.8280



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5813, 18.2797, 16.9472 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 14.5813, 18.2797, 16.9472 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

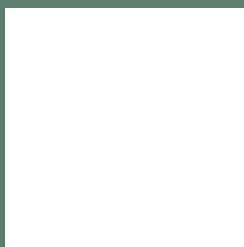
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5813, 18.2797, 16.9472

Background



This preview shows how black text looks on a background with the XYZ color 14.5813, 18.2797, 16.9472.

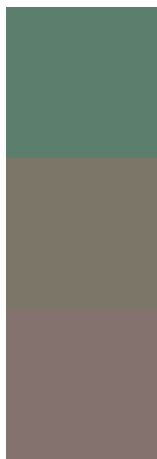


This preview shows how white text looks on a background with the XYZ color 14.5813, 18.2797,

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

14.5813, 18.2797, 16.9472

Protanopia

17.2893, 18.2414, 15.7064

Deuteranopia

18.3475, 18.0660, 17.2719



Tritanopia

16.1776, 18.3732, 24.5235

Trichromacy



Original Color

14.5813, 18.2797, 16.9472

Protanomaly

16.0693, 18.1394, 16.0189

Deuteranomaly

16.5749, 17.8429, 17.0384

Tritanomaly

15.5021, 18.2783, 21.4499

Monochromacy



Original Color

14.5813, 18.2797, 16.9472

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3469, 17.1909, 17.8385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5813, 18.2797, 16.9472 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(92, 126, 108)` looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 108)  
}
```

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(92, 126, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.5813, 18.2797, 16.9472 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(92, 126, 108) }
```


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

```
.border{ border-color:rgb(92, 126, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 126, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 108);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5813, 18.2797, 16.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 108) }
```

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

```
.background{ background-color: rgb(92, 126,  
108) }
```

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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