

Converting Colors

XYZ(14.5100, 17.9929, 18.0398)

Have a look what the booklet for
XYZ(14.5100, 17.9929, 18.0398)
contains.

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Color

**XYZ(14.5726, 18.0612,
18.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7D70
RGB	91, 125, 112
RGB Percent	36%, 49%, 44%
CMY	0.6431, 0.5098, 0.5608
CMYK	0.27, 0.00, 0.10, 0.51
HSL	157°, 16%, 42%
HSV	157°, 27%, 49%
XYZ	14.5726, 18.0612, 18.0473
YIQ	113.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

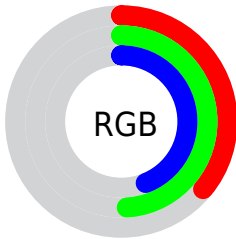
Format	Color
RYB	91, 112, 125
Decimal	5995888
CIELab	49.57, -15.02, 3.19
CIELCh	50, 15.355, 168.009
Yxy	18.0612, 0.2875, 0.3564
Android (android.graphics.Color)	4284185968 (0xFF5B7D70)
YUV	113.3520, -0.6665, -19.6027
Hunter-Lab	42.4985, -13.1652, 4.5710

Details

The XYZ color **14.5726, 18.0612, 18.0473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6978, 12.8421, 14.8015**, and the grayscale version is **15.8063, 16.6295, 18.1095**.

A 20% lighter version of the original color is **33.7766, 40.2719, 41.1150**, and **4.5486, 6.0745, 5.7833** is the 20% darker color. If you saturate the color by 10%, you get **13.1825, 17.3750, 16.6299**, and if you desaturate by 10%, it is **16.1831, 18.8604, 19.5496**.

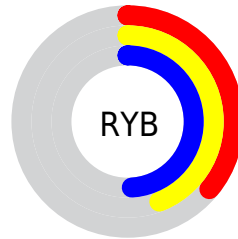
Distribution



Red (36%)

Green (49%)

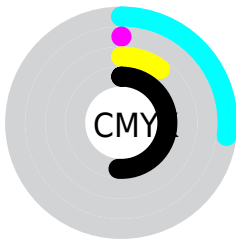
Blue (44%)



Red (36%)

Yellow (44%)

Blue (49%)

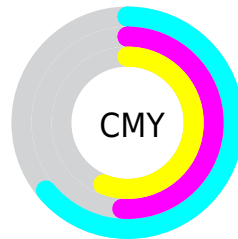


Cyan (27%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5726, 18.0612, 18.0473 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 14.5726, 18.0612, 18.0473 by changing the saturation by 10% instead.

■ 14.5726, 18.0612,
18.0473

■ 14.5726, 18.0612,
18.0473

214.2046,
241.2158, 253.3826

■ 8.6043, 10.9939,
10.8142

■ 33.6795, 40.1416,
40.9329

■ 4.5390, 6.0628,
5.8294

■ 47.5488, 55.9235,
57.4225

■ 2.0114, 2.8833,
2.6745

■ 64.7825, 75.3791,
77.8346

■ 0.6403, 1.0711,
0.9306

■ 85.7460, 98.8927,
102.5879

■ 0.0000, 0.0000,
0.0000

110.8046,
126.8488, 132.1007

140.3236,

159.6317, 166.7918

174.6685,
197.6259, 207.0796

■ 14.5726, 18.0612,
18.0473

■ 14.5726, 18.0612,
18.0473

■ 13.1825, 17.3750,
16.6299

■ 16.1831, 18.8604,
19.5496

■ 12.0010, 16.7942,
15.2944

■ 18.0223, 19.7753,
21.1371

■ 11.0172, 16.3138,
14.0398

■ 20.0996, 20.8112,
22.8117

■ 10.2189, 15.9275,
12.8641

■ 22.4237, 21.9727,
24.5749

■ 9.5923, 15.6281,
11.7655

■ 25.0027, 23.2639,
26.4281

■ 9.1214, 15.4075,
10.7420

■ 27.8443, 24.6887,
28.3726

■ 8.7724, 15.2483,
9.7908

■ 30.9560, 26.2510,
30.4099

■ 8.6807, 15.2066,
9.5365

■ 34.3450, 27.9544,
32.5412

■ 38.0179, 29.8024,
34.7679

Harmonies

Analogous

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



15.1699, 18.0612, 14.7770



14.5726, 18.0612, 18.0473



14.6409, 18.0612, 22.2484

Triad

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



14.5726, 18.0612, 18.0473



18.0463, 18.0612, 28.3129



19.1074, 18.0612, 14.2908

Complementary

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



14.5726, 18.0612, 18.0473



14.6978, 12.8421, 14.8015

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.



19.9674, 18.0612, 17.2908



14.5726, 18.0612, 18.0473



19.3313, 18.0612, 25.5284

Square

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



14.5726, 18.0612, 18.0473



16.5919, 18.0612, 28.5914



20.0516, 18.0612, 21.3778



17.7545, 18.0612, 12.8226

Rectangle

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



14.5726, 18.0612, 18.0473



15.0551, 18.0612, 25.0241



20.0516, 18.0612, 21.3778



19.4669, 18.0612, 15.1324

Sweetspot

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



14.5731, 18.0619, 18.0477



31.9264, 35.2389, 37.5606



14.9353, 18.3684, 12.6561



7.1607, 7.9651, 8.4582



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.



14.5731, 18.0619, 18.0477



24.4100, 31.5098, 30.6259



14.8580, 17.3884, 21.9761



4.3789, 4.8599, 5.1664



9.0562, 15.8690, 9.9344



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6978, 12.8421, 14.8015



24.6757, 20.4285, 23.7397



14.4355, 13.2942, 11.7030



4.3905, 4.3694, 4.8610



9.3763, 4.7702, 3.3052



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5726, 18.0612, 18.0473 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 14.5726, 18.0612, 18.0473 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 14.5726, 18.0612, 18.0473

Background



This preview shows how black text looks on a background with the XYZ color 14.5726, 18.0612, 18.0473.

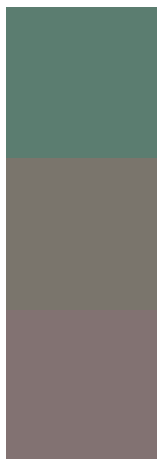


This preview shows how white text looks on a background with the XYZ color 14.5726, 18.0612,

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

14.5726, 18.0612, 18.0473

Protanopia

17.0941, 17.9429, 16.7497

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

15.8437, 18.0179, 24.4725

Trichromacy



Original Color

14.5726, 18.0612, 18.0473

Protanomaly

16.0323, 17.9166, 17.0812

Deuteranomaly

16.6615, 17.8621, 18.1924

Tritanomaly

15.4007, 18.0263, 22.0697

Monochromacy



Original Color

14.5726, 18.0612, 18.0473

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1676, 16.9181, 18.0889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5726, 18.0612, 18.0473 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(91, 125, 112) looks like.

```
.text, #text, p{  
    color:rgb(91, 125, 112)  
}
```

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(91, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.5726, 18.0612, 18.0473 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(91, 125, 112) }
```


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

```
.border{ border-color:rgb(91, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(91, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5726, 18.0612, 18.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 125, 112) }
```

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

```
.background{ background-color: rgb(91, 125,  
112) }
```

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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