

Converting Colors

XYZ(13.9040, 18.2062, 17.4831)

Have a look what the booklet for
XYZ(13.9040, 18.2062, 17.4831)
contains.

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Color

**XYZ(14.0133, 18.3580,
17.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	52806E
RGB	82, 128, 110
RGB Percent	32%, 50%, 43%
CMY	0.6784, 0.4980, 0.5686
CMYK	0.36, 0.00, 0.14, 0.50
HSL	157°, 22%, 41%
HSV	157°, 36%, 50%
XYZ	14.0133, 18.3580, 17.5567
YIQ	112.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

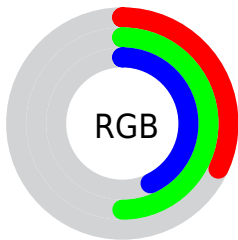
Format	Color
R_{YB}	82, 111, 128
Decimal	5406830
CIE _{Lab}	49.93, -20.03, 4.81
CIE _{LCh}	50, 20.598, 166.494
Yxy	18.3580, 0.2807, 0.3677
Android (android.graphics.Color)	4283596910 (0xFF52806E)
YUV	112.1940, -1.0816, -26.4801
Hunter-Lab	42.8462, -16.6007, 5.6977

Details

The XYZ color **14.0133, 18.3580, 17.5567** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.2202, 11.5443, 13.5361**, and the grayscale version is **15.4661, 16.2715, 17.7197**.

A 20% lighter version of the original color is **32.7183, 40.6429, 40.3028**, and **4.2927, 6.2631, 5.5401** is the 20% darker color. If you saturate the color by 10%, you get **12.7374, 17.7314, 16.1136**, and if you desaturate by 10%, it is **15.5133, 19.0994, 19.0916**.

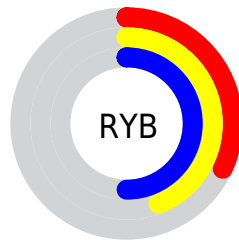
Distribution



Red (32%)

Green (50%)

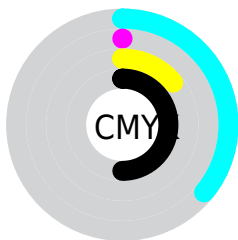
Blue (43%)



Red (32%)

Yellow (44%)

Blue (50%)

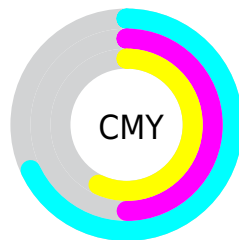


Cyan (36%)

Magenta (0%)

Yellow (14%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0133, 18.3580, 17.5567 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 14.0133, 18.3580, 17.5567 by changing the saturation by 10% instead.

■ 14.0133, 18.3580,
17.5567

■ 14.0133, 18.3580,
17.5567

210.8225,
242.8812, 250.5120

■ 8.2117, 11.2073,
10.4661

■ 32.6987, 40.6464,
40.0842

■ 4.2836, 6.2065,
5.5994

■ 46.3132, 56.5529,
56.3581

■ 1.8638, 2.9710,
2.5383

■ 63.2627, 76.1468,
76.5302

■ 0.5557, 1.1166,
0.8603

■ 83.9125, 99.8126,
101.0189

■ 0.0000, 0.0000,
0.0000

■ 108.6280,
127.9345, 130.2430

137.7747,

160.8969, 164.6208

171.7177,
199.0844, 204.5710

■ 14.0133, 18.3580,
17.5567

■ 14.0133, 18.3580,
17.5567

■ 12.7374, 17.7314,
16.1136

■ 15.5133, 19.0994,
19.0916

■ 11.6723, 17.2112,
14.7591

■ 17.2468, 19.9588,
20.7188

■ 10.8055, 16.7915,
13.4918

■ 19.2246, 20.9423,
22.4405

■ 10.1225, 16.4649,
12.3095

■ 21.4561, 22.0548,
24.2584

■ 9.6069, 16.2228,
11.2100

■ 23.9504, 23.3008,
26.1740

■ 9.2306, 16.0510,
10.1907

■ 26.7162, 24.6849,
28.1890

■ 9.0915, 15.9879,
9.7979

■ 29.7616, 26.2112,
30.3049

■ 33.0944, 27.8836,
32.5231

■ 36.7221, 29.7062,
34.8452

Harmonies

Analogous

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



14.8389, 18.3580, 13.4023



14.0133, 18.3580, 17.5567



14.0576, 18.3580, 23.2353

Triad

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



14.0133, 18.3580, 17.5567



18.5483, 18.3580, 32.3234



20.1934, 18.3580, 13.0978

Complementary

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



14.0133, 18.3580, 17.5567



14.2202, 11.5443, 13.5361

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.



21.3456, 18.3580, 17.0597



14.0133, 18.3580, 17.5567



20.3479, 18.3580, 28.4417

Square

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



14.0133, 18.3580, 17.5567



16.5775, 18.3580, 32.5258



21.4042, 18.3580, 22.6356



18.3500, 18.3580, 11.1751

Rectangle

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



14.0133, 18.3580, 17.5567



14.5727, 18.3580, 27.1729



21.4042, 18.3580, 22.6356



20.6802, 18.3580, 14.1975

Sweetspot

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



14.0138, 18.3587, 17.5571



31.9411, 35.9225, 37.8763



14.5426, 18.7806, 10.8414



7.3887, 8.3659, 8.7894



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.0138, 18.3587, 17.5571



22.8333, 31.4175, 28.8521



14.5092, 17.6185, 23.0590



4.3773, 4.8593, 5.1582



9.0152, 15.8526, 9.7186



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2202, 11.5443, 13.5361



23.2545, 17.5849, 20.7008



13.8015, 11.9506, 9.5621



4.3920, 4.3700, 4.8689



9.4005, 4.7799, 3.4328



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0133, 18.3580, 17.5567 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 14.0133, 18.3580, 17.5567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

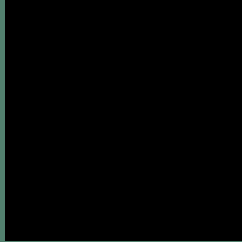
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0133, 18.3580, 17.5567

Background



This preview shows how black text looks on a background with the XYZ color 14.0133, 18.3580, 17.5567.

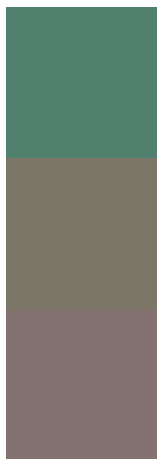


This preview shows how white text looks on a background with the XYZ color 14.0133, 18.3580,

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

14.0133, 18.3580, 17.5567

Protanopia

17.3404, 18.2619, 15.9756

Deuteranopia

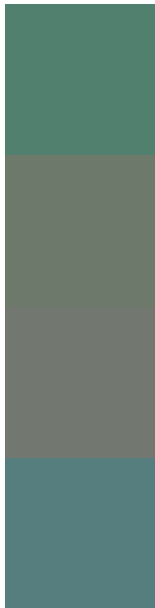
18.5137, 18.1324, 18.1469



Tritanopia

15.7313, 18.4912, 25.6617

Trichromacy



Original Color

14.0133, 18.3580, 17.5567

Protanomaly

15.9201, 18.2318, 16.5899

Deuteranomaly

16.4609, 17.9409, 17.9246

Tritanomaly

15.0645, 18.4065, 22.4975

Monochromacy



Original Color

14.0133, 18.3580, 17.5567

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7145, 16.8713, 17.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0133, 18.3580, 17.5567 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(82, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 110)  
}
```

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(82, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.0133, 18.3580, 17.5567 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(82, 128, 110) }
```


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

```
.border{ border-color:rgb(82, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0133, 18.3580, 17.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 110) }
```

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

```
.background{ background-color: rgb(82, 128,  
110) }
```

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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