

Converting Colors

XYZ(14.0817, 18.5283, 20.2869)

Have a look what the booklet for
XYZ(14.0817, 18.5283, 20.2869)
contains.

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Color

**XYZ(14.0817, 18.5283,
20.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8177
RGB	75, 129, 119
RGB Percent	29%, 51%, 47%
CMY	0.7059, 0.4941, 0.5333
CMYK	0.42, 0.00, 0.08, 0.49
HSL	169°, 26%, 40%
HSV	169°, 42%, 51%
XYZ	14.0817, 18.5283, 20.2869
YIQ	111.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

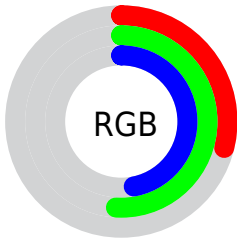
Format	Color
R _Y B	75, 105, 129
Decimal	4948343
CIE Lab	50.13, -20.48, -0.21
CIE LCh	50, 20.476, 180.593
Yxy	18.5283, 0.2662, 0.3503
Android (android.graphics.Color)	4283138423 (0xFF4B8177)
YUV	111.7140, 3.5920, -32.1982
Hunter-Lab	43.0445, -16.9329, 2.1878

Details

The XYZ color **14.0817, 18.5283, 20.2869** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2097, 10.3557, 9.8977**, and the grayscale version is **15.3137, 16.1112, 17.5451**.

A 20% lighter version of the original color is **32.8310, 40.9082, 44.6938**, and **4.2867, 6.2291, 6.9376** is the 20% darker color. If you saturate the color by 10%, you get **13.0317, 18.0038, 19.4984**, and if you desaturate by 10%, it is **15.3410, 19.1612, 21.1048**.

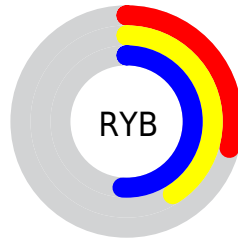
Distribution



Red (29%)

Green (51%)

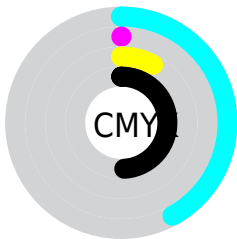
Blue (47%)



Red (29%)

Yellow (41%)

Blue (51%)

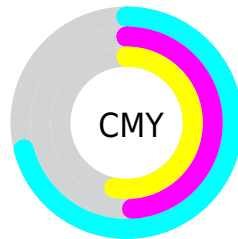


Cyan (42%)

Magenta (0%)

Yellow (8%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0817, 18.5283, 20.2869 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 14.0817, 18.5283, 20.2869 by changing the saturation by 10% instead.

■ 14.0817, 18.5283,
20.2869

■ 14.0817, 18.5283,
20.2869

211.2389,
243.8322, 266.1195

■ 8.2596, 11.3299,
12.4176

■ 32.8190, 40.9355,
44.7629

■ 4.3147, 6.2892,
6.9028

■ 46.4649, 56.9131,
62.2068

■ 1.8817, 3.0217,
3.3239

■ 63.4494, 76.5860,
83.6792

■ 0.5661, 1.1431,
1.2623

■ 84.1379, 100.3384,
109.5988

■ 0.0000, 0.0145,
0.0306

■ 108.8957,
128.5549, 140.3841

■ 0.0000, 0.0000,
0.0000

138.0883,

161.6197, 176.4536

172.0809,
199.9174, 218.2259

■ 14.0817, 18.5283,
20.2869

■ 14.0817, 18.5283,
20.2869

■ 13.0317, 18.0038,
19.4984

■ 15.3410, 19.1612,
21.1048

■ 12.1769, 17.5791,
18.7374

■ 16.8195, 19.9061,
21.9516

■ 11.5040, 17.2478,
18.0034

■ 18.5282, 20.7694,
22.8282

■ 10.9975, 17.0018,
17.2957

■ 20.4771, 21.7560,
23.7353

■ 10.6388, 16.8316,
16.6131

■ 22.6755, 22.8708,
24.6734

■ 10.4060, 16.7233,
16.0737

■ 25.1321, 24.1184,
25.6431

■ 27.8554, 25.5029,
26.6450

■ 30.8533, 27.0286,
27.6794

■ 34.1336, 28.6994,
28.7469

Harmonies

Analogous

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



14.5070, 18.5283, 15.2941



14.0817, 18.5283, 20.2869



14.5416, 18.5283, 26.2269

Triad

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



14.0817, 18.5283, 20.2869



19.6136, 18.5283, 31.0512



19.5405, 18.5283, 12.1096

Complementary

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



14.0817, 18.5283, 20.2869



13.2097, 10.3557, 9.8977

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.



21.0837, 18.5283, 15.1327



14.0817, 18.5283, 20.2869



21.1280, 18.5283, 25.9954

Square

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



14.0817, 18.5283, 20.2869



17.6499, 18.5283, 33.1112



21.6847, 18.5283, 20.0619



17.5713, 18.5283, 11.1406

Rectangle

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



14.0817, 18.5283, 20.2869



15.3095, 18.5283, 29.7915



21.6847, 18.5283, 20.0619



20.1314, 18.5283, 12.8875

Sweetspot

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



14.0822, 18.5290, 20.2873



32.7104, 36.9551, 40.6484



12.9402, 18.1783, 9.4837



7.2675, 8.2957, 9.1324



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.



14.0822, 18.5290, 20.2873



23.4539, 32.2984, 35.0116



12.7475, 14.8472, 22.9637



4.4133, 4.8737, 5.3479



10.1470, 16.3054, 15.6787



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2097, 10.3557, 9.8977



21.6818, 15.6367, 13.8650



14.0821, 12.6921, 8.3646



4.3578, 4.3563, 4.6887



8.9879, 4.6149, 1.2603



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0817, 18.5283, 20.2869 looks on a white 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

Black Background



This preview shows how the XYZ color 14.0817, 18.5283, 20.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

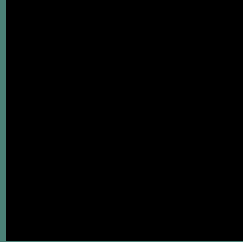
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0817, 18.5283, 20.2869

Background



This preview shows how black text looks on a background with the XYZ color 14.0817, 18.5283, 20.2869.

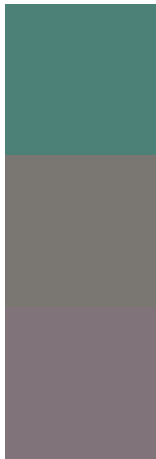


This preview shows how white text looks on a background with the XYZ color 14.0817, 18.5283,

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

14.0817, 18.5283, 20.2869

Protanopia

17.4851, 18.2867, 18.2309

Deuteranopia

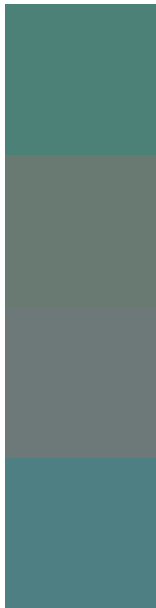
18.6968, 18.3337, 20.9657



Tritanopia

15.2845, 18.4333, 26.4193

Trichromacy



Original Color

14.0817, 18.5283, 20.2869

Protanomaly

15.8797, 18.1601, 18.8880

Deuteranomaly

16.4743, 18.0646, 20.7077

Tritanomaly

14.7605, 18.4102, 23.8946

Monochromacy



Original Color

14.0817, 18.5283, 20.2869

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7185, 16.8473, 18.6958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0817, 18.5283, 20.2869 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(75, 129, 119)` looks like.

```
.text, #text, p{  
    color:rgb(75, 129, 119)  
}
```

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(75, 129, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 129, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0817, 18.5283, 20.2869 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(75, 129, 119) }
```


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

```
.border{ border-color:rgb(75, 129, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 129, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 129, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 129, 119);  
box-shadow:4px 4px 4px 4px rgb(75, 129,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0817, 18.5283, 20.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 129, 119) }
```

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

```
.background{ background-color: rgb(75, 129,  
119) }
```

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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