

Converting Colors

XYZ(14.8783, 18.5377, 20.8831)

Have a look what the booklet for
XYZ(14.8783, 18.5377, 20.8831)
contains.

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Color

**XYZ(14.8783, 18.5377,
20.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	567F79
RGB	86, 127, 121
RGB Percent	34%, 50%, 47%
CMY	0.6627, 0.5019, 0.5255
CMYK	0.32, 0.00, 0.05, 0.50
HSL	171°, 19%, 42%
HSV	171°, 32%, 50%
XYZ	14.8783, 18.5377, 20.8831
YIQ	114.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

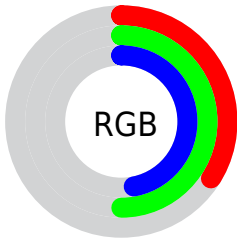
Format	Color
R_{YB}	86, 108, 127
Decimal	5668729
CIE _{Lab}	50.14, -15.63, -1.30
CIE _{LCh}	50, 15.680, 184.759
Yxy	18.5377, 0.2740, 0.3414
Android (android.graphics.Color)	4283858809 (0xFF567F79)
YUV	114.0570, 3.4229, -24.6060
Hunter-Lab	43.0554, -13.6643, 1.3815

Details

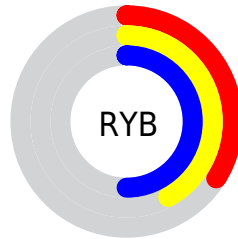
The XYZ color **14.8783, 18.5377, 20.8831** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0126, 11.9408, 11.6922**, and the grayscale version is **16.0066, 16.8402, 18.3390**.

A 20% lighter version of the original color is **34.1806, 40.9780, 45.6432**, and **4.7263, 6.3419, 7.2783** is the 20% darker color. If you saturate the color by 10%, you get **13.6985, 17.9430, 20.2388**, and if you desaturate by 10%, it is **16.2691, 19.2419, 21.5495**.

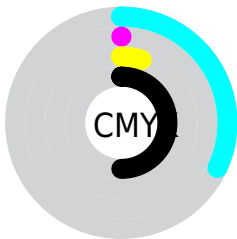
Distribution



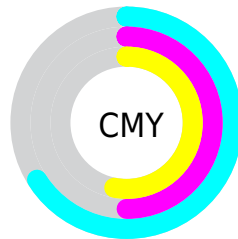
- Red (34%)
- Green (50%)
- Blue (47%)



- Red (34%)
- Yellow (42%)
- Blue (50%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (66%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8783, 18.5377, 20.8831 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 14.8783, 18.5377, 20.8831 by changing the saturation by 10% instead.

■ 14.8783, 18.5377,
20.8831

■ 14.8783, 18.5377,
20.8831

216.0314,
243.8846, 269.4172

■ 8.8198, 11.3367,
12.8482

■ 34.2130, 40.9514,
45.7712

■ 4.6800, 6.2938,
7.1946

■ 48.2198, 56.9330,
63.4614

■ 2.0936, 3.0245,
3.5038

■ 65.6068, 76.6102,
85.2071

■ 0.6857, 1.1446,
1.3573

■ 86.7393, 100.3674,
111.4269

■ 0.0000, 0.0157,
0.1081

■ 111.9826,
128.5891, 142.5392

■ 0.0000, 0.0000,
0.0000

141.7022,

161.6596, 178.9627

176.2634,
199.9633, 221.1158

■ 14.8783, 18.5377,
20.8831

■ 14.8783, 18.5377,
20.8831

■ 13.6985, 17.9430,
20.2388

■ 16.2691, 19.2419,
21.5495

■ 12.7172, 17.4499,
19.6148

■ 17.8797, 20.0586,
22.2374

■ 11.9229, 17.0530,
19.0109

■ 19.7200, 20.9935,
22.9476

■ 11.3022, 16.7453,
18.4264

■ 21.7990, 22.0512,
23.6807

■ 10.8400, 16.5191,
17.8605

■ 24.1252, 23.2361,
24.4370

■ 10.5185, 16.3651,
17.3124

■ 26.7068, 24.5523,
25.2171

■ 10.3185, 16.2710,
16.8993

■ 29.5513, 26.0038,
26.0213

■ 32.6661, 27.5945,
26.8501

■ 36.0584, 29.3279,
27.7038

Harmonies

Analogous

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



15.1186, 18.5377, 16.8382



14.8783, 18.5377, 20.8831



15.3374, 18.5377, 25.3130

Triad

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



14.8783, 18.5377, 20.8831



19.3295, 18.5377, 27.8263



18.8885, 18.5377, 13.5513

Complementary

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



14.8783, 18.5377, 20.8831



14.0126, 11.9408, 11.6922

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.



20.1174, 18.5377, 15.8000



14.8783, 18.5377, 20.8831



20.3821, 18.5377, 23.9470

Square

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



14.8783, 18.5377, 20.8831



17.8618, 18.5377, 29.6703



20.6783, 18.5377, 19.5015



17.3794, 18.5377, 12.9722

Rectangle

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



14.8783, 18.5377, 20.8831



15.9947, 18.5377, 27.7766



20.6783, 18.5377, 19.5015



19.3508, 18.5377, 14.1195

Sweetspot

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



14.8788, 18.5384, 20.8835



32.6571, 36.2436, 40.0771



13.6983, 18.1345, 11.5827



7.5587, 8.4413, 9.3483



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.



14.8788, 18.5384, 20.8835



24.9948, 32.3646, 36.5099



13.5352, 15.2437, 22.3086



4.4202, 4.8764, 5.3841



10.4056, 16.4088, 17.0406



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0126, 11.9408, 11.6922



23.1833, 18.5465, 17.2730



15.0236, 14.3661, 10.7855



4.3515, 4.3537, 4.6552



8.9417, 4.5964, 1.0171



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8783, 18.5377, 20.8831 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 14.8783, 18.5377, 20.8831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

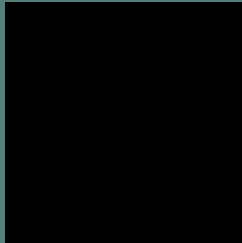
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8783, 18.5377, 20.8831

Background



This preview shows how black text looks on a background with the XYZ color 14.8783, 18.5377, 20.8831.



This preview shows how white text looks on a background with the XYZ color 14.8783, 18.5377,

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

14.8783, 18.5377, 20.8831

Protanopia

17.6569, 18.3554, 19.1353

Deuteranopia

18.6080, 18.2807, 21.2867



Tritanopia

15.8266, 18.5403, 25.6662

Trichromacy



Original Color

14.8783, 18.5377, 20.8831

Protanomaly

16.4141, 18.2340, 19.7939

Deuteranomaly

16.9197, 18.1095, 21.0161

Tritanomaly

15.5146, 18.6081, 23.8931

Monochromacy



Original Color

14.8783, 18.5377, 20.8831

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5166, 17.4211, 19.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8783, 18.5377, 20.8831 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(86, 127, 121) looks like.

```
.text, #text, p{  
    color:rgb(86, 127, 121)  
}
```

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(86, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 127, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.8783, 18.5377, 20.8831 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(86, 127, 121) }
```


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

```
.border{ border-color:rgb(86, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(86, 127,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8783, 18.5377, 20.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 127, 121) }
```

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

```
.background{ background-color: rgb(86, 127,  
121) }
```

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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