

Converting Colors

XYZ(14.5555, 18.4667, 20.9135)

Have a look what the booklet for
XYZ(14.5555, 18.4667, 20.9135)
contains.

XYZ(14.6500, 18.6127, 20.9096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6500, 18.6127,
20.9096)**

Conversions

Conversions Part 1

Format	Color
Hex	528079
RGB	82, 128, 121
RGB Percent	32%, 50%, 47%
CMY	0.6784, 0.4980, 0.5255
CMYK	0.36, 0.00, 0.05, 0.50
HSL	171°, 22%, 41%
HSV	171°, 36%, 50%
XYZ	14.6500, 18.6127, 20.9096
YIQ	113.4480, -25.1690, -11.9290

Conversions

Conversions Part 2

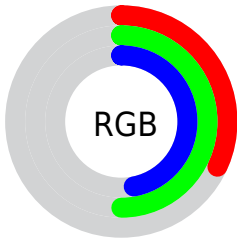
Format	Color
R_{YB}	82, 107, 128
Decimal	5406841
CIE Lab	50.23, -17.40, -1.20
CIE LCh	50, 17.436, 183.934
Yxy	18.6127, 0.2704, 0.3436
Android (android.graphics.Color)	4283596921 (0xFF528079)
YUV	113.4480, 3.7231, -27.5799
Hunter-Lab	43.1424, -14.8855, 1.4640

Details

The XYZ color **14.6500, 18.6127, 20.9096** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.7232, 11.3455, 10.9184**, and the grayscale version is **15.8242, 16.6483, 18.1300**.

A 20% lighter version of the original color is **33.7396, 41.0514, 45.6806**, and **4.6258, 6.3963, 7.2941** is the 20% darker color. If you saturate the color by 10%, you get **13.5210, 18.0448, 20.2397**, and if you desaturate by 10%, it is **15.9902, 19.2901, 21.6028**.

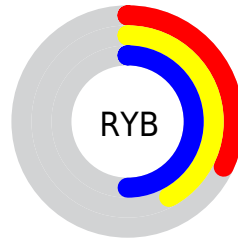
Distribution



Red (32%)

Green (50%)

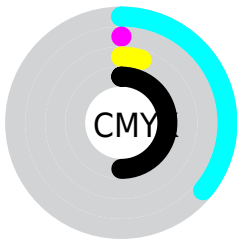
Blue (47%)



Red (32%)

Yellow (42%)

Blue (50%)

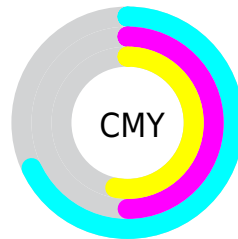


Cyan (36%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6500, 18.6127, 20.9096 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 14.6500, 18.6127, 20.9096 by changing the saturation by 10% instead.

■ 14.6500, 18.6127,
20.9096

■ 14.6500, 18.6127,
20.9096

■ 214.6685,
244.3022, 269.5629

■ 8.6588, 11.3908,
12.8673

■ 33.8147, 41.0786,
45.8159

■ 4.5746, 6.3303,
7.2076

■ 47.7190, 57.0914,
63.5170

■ 2.0321, 3.0470,
3.5119

■ 64.9916, 76.8032,
85.2747

■ 0.6519, 1.1563,
1.3616

■ 85.9981, 100.5985,
111.5078

■ 0.0000, 0.0256,
0.1115

■ 111.1036,
128.8617, 142.6345

■ 0.0000, 0.0000,
0.0000

140.6736,

161.9771, 179.0736

175.0735,
200.3291, 221.2436

■ 14.6500, 18.6127,
20.9096

■ 14.6500, 18.6127,
20.9096

■ 13.5210, 18.0448,
20.2397

■ 15.9902, 19.2901,
21.6028

■ 12.5899, 17.5782,
19.5911

■ 17.5506, 20.0803,
22.3186

■ 11.8446, 17.2071,
18.9638

■ 19.3418, 20.9892,
23.0579

■ 11.2709, 16.9242,
18.3568

■ 21.3731, 22.0216,
23.8213

■ 10.8525, 16.7211,
17.7694

■ 23.6533, 23.1820,
24.6092

■ 10.5617, 16.5835,
17.2002

■ 26.1908, 24.4748,
25.4222

■ 10.4540, 16.5329,
16.9729

■ 28.9936, 25.9040,
26.2605

■ 32.0692, 27.4736,
27.1248

■ 35.4252, 29.1874,
28.0153

Harmonies

Analogous

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



14.9359, 18.6127, 16.4544



14.6500, 18.6127, 20.9096



15.1354, 18.6127, 25.9026

Triad

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



14.6500, 18.6127, 20.9096



19.5627, 18.6127, 28.9853



19.1537, 18.6127, 13.0184

Complementary

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



14.6500, 18.6127, 20.9096



13.7232, 11.3455, 10.9184

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.



20.5188, 18.6127, 15.5130



14.6500, 18.6127, 20.9096



20.7653, 18.6127, 24.6251

Square

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



14.6500, 18.6127, 20.9096



17.9141, 18.6127, 31.0101



21.1257, 18.6127, 19.6359



17.4694, 18.6127, 12.3437

Rectangle

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



14.6500, 18.6127, 20.9096



15.8503, 18.6127, 28.7345



21.1257, 18.6127, 19.6359



19.6686, 18.6127, 13.6501

Sweetspot

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



14.6505, 18.6134, 20.9100



32.3251, 36.0761, 39.8982



13.4268, 18.2053, 10.7891



7.4871, 8.4053, 9.3075



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.



14.6505, 18.6134, 20.9100



24.1642, 31.9499, 35.8604



13.2445, 15.0890, 22.6374



4.4192, 4.8760, 5.3787



10.3659, 16.3929, 16.8312



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7232, 11.3455, 10.9184



22.2854, 17.1972, 15.5974



14.7312, 13.8100, 9.8720



4.3524, 4.3541, 4.6602



8.9481, 4.5989, 1.0505



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6500, 18.6127, 20.9096 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 14.6500, 18.6127, 20.9096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

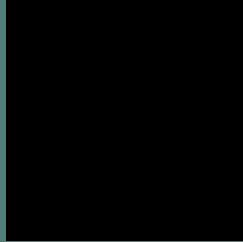
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6500, 18.6127, 20.9096

Background



This preview shows how black text looks on a background with the XYZ color 14.6500, 18.6127, 20.9096.



This preview shows how white text looks on a background with the XYZ color 14.6500, 18.6127,

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

14.6500, 18.6127, 20.9096

Protanopia

17.7753, 18.5922, 19.1748

Deuteranopia

18.6709, 18.3059, 21.6181



Tritanopia

15.7425, 18.6777, 26.0680

Trichromacy



Original Color

14.6500, 18.6127, 20.9096

Protanomaly

16.2930, 18.3529, 19.8233

Deuteranomaly

16.8472, 18.2425, 21.3721

Tritanomaly

15.4324, 18.7487, 24.2782

Monochromacy



Original Color

14.6500, 18.6127, 20.9096

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1103, 17.0426, 19.0161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6500, 18.6127, 20.9096 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 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(82, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.6500, 18.6127, 20.9096 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, 121) }
```


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

```
.border{ border-color:rgb(82, 128, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6500, 18.6127, 20.9096 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, 121) }
```

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

```
.background{ background-color: rgb(82, 128,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor