

Converting Colors

XYZ(9.3017, 14.4201, 15.1107)

Have a look what the booklet for
XYZ(9.3017, 14.4201, 15.1107)
contains.

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Color

**XYZ(9.3458, 14.5056,
15.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7867
RGB	14, 120, 103
RGB Percent	5%, 47%, 40%
CMY	0.9451, 0.5294, 0.5961
CMYK	0.88, 0.00, 0.14, 0.53
HSL	170°, 79%, 26%
HSV	170°, 88%, 47%
XYZ	9.3458, 14.5056, 15.1392
YIQ	86.3680, -57.7190, -27.7590

Conversions

Conversions Part 2

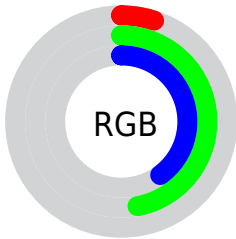
Format	Color
RYB	14, 72, 120
Decimal	948327
CIELab	44.95, -31.93, 1.47
CIELCh	45, 31.968, 177.359
Yxy	14.5056, 0.2397, 0.3720
Android (android.graphics.Color)	4279138407 (0xFF0E7867)
YUV	86.3680, 8.1996, -63.4667
Hunter-Lab	38.0862, -22.8496, 3.0927

Details

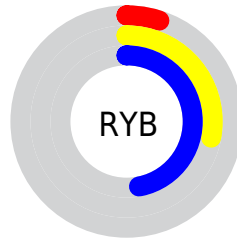
The XYZ color **9.3458, 14.5056, 15.1392** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.1507, 4.4066, 1.7182**, and the grayscale version is **8.9165, 9.3808, 10.2157**.

A 20% lighter version of the original color is **24.2560, 34.0141, 35.8588**, and **2.9040, 4.6658, 4.4889** is the 20% darker color. If you saturate the color by 10%, you get **9.0946, 14.3875, 14.6292**, and if you desaturate by 10%, it is **9.6890, 14.6716, 15.6658**.

Distribution



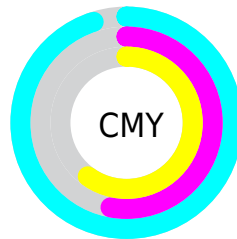
- Red (5%)
- Green (47%)
- Blue (40%)



- Red (5%)
- Yellow (28%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)
- Black (53%)





- Cyan (95%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.3458, 14.5056, 15.1392 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 9.3458, 14.5056, 15.1392 by changing the saturation by 10% instead.

 9.3458, 14.5056,
15.1392


 9.3458, 14.5056,
15.1392

180.0900,
220.3539, 235.8770


 5.0263, 8.4731,
8.7694


 24.2185, 33.9835,
35.8429


 2.2976, 4.3992,
4.4963

 35.5025, 48.1977,
51.0140


 0.7935, 1.8993,
1.9014

 49.8386, 65.9080,
69.9559

 0.0000, 0.5479,
0.4936

 67.5924, 87.4987,
93.0872

 0.0000, 0.0000,
0.0000

 89.1290, 113.3543,
120.8264

 114.8139,

143.8591, 153.5921

145.0125,
179.3975, 191.8027

■ 9.3458, 14.5056,
15.1392

■ 9.3458, 14.5056,
15.1392

■ 9.0946, 14.3875,
14.6292

■ 9.6890, 14.6716,
15.6658

■ 9.0536, 14.3682,
14.5448

■ 10.1625, 14.9041,
16.2099

■ 10.7809, 15.2111,
16.7725

■ 11.5569, 15.5991,
17.3544

■ 12.5013, 16.0736,
17.9560

■ 13.6243, 16.6399,
18.5780

■ 14.9352, 17.3028,
19.2208

■ 16.4426, 18.0668,
19.8850

■ 18.1546, 18.9359,
20.5709

Harmonies

Analogous

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



9.9684, 14.5056, 9.2253



9.3458, 14.5056, 15.1392



9.7827, 14.5056, 23.3877

Triad

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



9.3458, 14.5056, 15.1392



16.2319, 14.5056, 32.3666



16.6839, 14.5056, 6.5001

Complementary

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



9.3458, 14.5056, 15.1392



8.1507, 4.4066, 1.7182

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.



18.7577, 14.5056, 10.0528



9.3458, 14.5056, 15.1392



18.4744, 14.5056, 24.9143

Square

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



9.3458, 14.5056, 15.1392



13.5565, 14.5056, 35.0121



19.4508, 14.5056, 16.4677



14.0204, 14.5056, 5.3276

Rectangle

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



9.3458, 14.5056, 15.1392



10.6510, 14.5056, 28.9473



19.4508, 14.5056, 16.4677



17.4853, 14.5056, 7.3866

Sweetspot

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



9.3462, 14.5062, 15.1395



24.3272, 29.4502, 32.8623



7.3817, 13.7671, 2.6841



5.6244, 6.9082, 7.7150



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.3462, 14.5062, 15.1395



15.8827, 25.2540, 25.3680



6.7943, 7.8950, 18.9357



4.0808, 4.5019, 4.9592



9.8723, 15.6726, 15.8445



46.8300, 74.6550, 74.2001

Inverse Universe

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



8.1507, 4.4066, 1.7182



13.7983, 7.0931, 1.5588



8.9380, 6.2503, 1.1512



4.0221, 4.0246, 4.3141



8.5768, 4.4069, 1.0624



40.6995, 20.9361, 3.9478

Previews

White Background



This preview shows how the XYZ color 9.3458, 14.5056, 15.1392 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 9.3458, 14.5056, 15.1392 looks on a black 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

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

XYZ 9.3458, 14.5056, 15.1392

Background



This preview shows how black text looks on a background with the XYZ color 9.3458, 14.5056, 15.1392.



This preview shows how white text looks on a background with the XYZ color 9.3458, 14.5056,

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

9.3458, 14.5056, 15.1392

Protanopia

13.6500, 14.4493, 12.8960

Deuteranopia

14.7065, 14.4750, 15.9288



Tritanopia

10.8203, 14.5863, 21.9838

Trichromacy



Original Color

9.3458, 14.5056, 15.1392

Protanomaly

10.7907, 13.7466, 13.6399

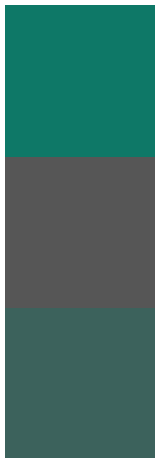
Deuteranomaly

11.2946, 13.6402, 15.6732

Tritanomaly

10.2004, 14.4979, 19.4003

Monochromacy



Original Color

9.3458, 14.5056, 15.1392

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.1629, 10.4687, 11.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3458, 14.5056, 15.1392 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(14, 120, 103)` looks like.

```
.text, #text, p{  
    color:rgb(14, 120, 103)  
}
```

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(14, 120, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 120, 103) }
```

Border

The CSS property to change the border of an element to XYZ 9.3458, 14.5056, 15.1392 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(14, 120, 103) }
```


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

```
.border{ border-color:rgb(14, 120, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 120, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 120, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 120, 103);  
box-shadow:4px 4px 4px 4px rgb(14, 120,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3458, 14.5056, 15.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 120, 103) }
```

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

```
.background{ background-color: rgb(14, 120,  
103) }
```

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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