

Converting Colors

XYZ(11.1658, 14.9958, 13.9173)

Have a look what the booklet for
XYZ(11.1658, 14.9958, 13.9173)
contains.

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Color

**XYZ(11.0917, 14.9065,
13.8479)**

Conversions

Conversions Part 1

Format	Color
Hex	467562
RGB	70, 117, 98
RGB Percent	27%, 46%, 38%
CMY	0.7255, 0.5412, 0.6157
CMYK	0.40, 0.00, 0.16, 0.54
HSL	156°, 25%, 37%
HSV	156°, 40%, 46%
XYZ	11.0917, 14.9065, 13.8479
YIQ	100.7810, -21.9130, -15.8730

Conversions

Conversions Part 2

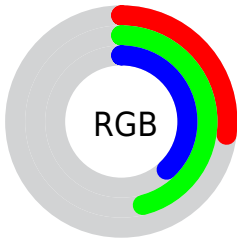
Format	Color
RYB	70, 99, 117
Decimal	4617570
CIELab	45.51, -20.77, 5.47
CIElCh	46, 21.481, 165.258
Yxy	14.9065, 0.2784, 0.3741
Android (android.graphics.Color)	4282807650 (0xFF467562)
YUV	100.7810, -1.3710, -26.9949
Hunter-Lab	38.6089, -16.2856, 5.7607

Details

The XYZ color **11.0917, 14.9065, 13.8479** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.3300, 8.8839, 10.5695**, and the grayscale version is **12.3210, 12.9626, 14.1163**.

A 20% lighter version of the original color is **27.3585, 34.5389, 33.6585**, and **2.9962, 4.5416, 3.9675** is the 20% darker color. If you saturate the color by 10%, you get **10.1119, 14.4268, 12.6706**, and if you desaturate by 10%, it is **12.2501, 15.4775, 15.1031**.

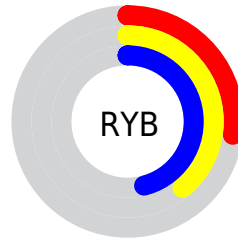
Distribution



Red (27%)

Green (46%)

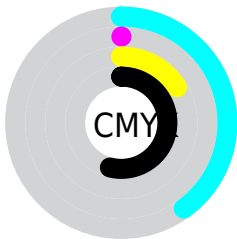
Blue (38%)



Red (27%)

Yellow (39%)

Blue (46%)

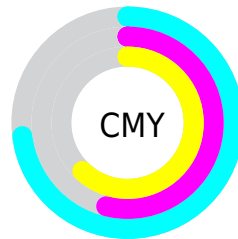


Cyan (40%)

Magenta (0%)

Yellow (16%)

Black (54%)



Cyan (73%)

Magenta (54%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0917, 14.9065, 13.8479 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 11.0917, 14.9065, 13.8479 by changing the saturation by 10% instead.

■ 11.0917, 14.9065,
13.8479

■ 11.0917, 14.9065,
13.8479

192.1909,
222.7996, 227.6780

■ 6.1963, 8.7538,
7.8774

■ 27.4611, 34.6891,
33.5321

■ 3.0066, 4.5809,
3.9300

■ 39.6657, 49.0877,
48.0830

■ 1.1573, 2.0036,
1.5870

■ 55.0375, 67.0038,
66.3310

■ 0.0722, 0.6095,
0.2815

■ 73.9418, 88.8217,
88.6948

■ 0.0000, 0.0000,
0.0000

■ 96.7439, 114.9259,
115.5928

123.8093,

145.7006, 147.4437

155.5031,
181.5304, 184.6659

■ 11.0917, 14.9065,
13.8479

■ 11.0917, 14.9065,
13.8479

■ 10.1119, 14.4268,
12.6706

■ 12.2501, 15.4775,
15.1031

■ 9.2995, 14.0316,
11.5686

■ 13.5948, 16.1426,
16.4368

■ 8.6441, 13.7158,
10.5404


■ 15.1346, 16.9067,
17.8508


■ 8.1337, 13.4733,
9.5844


■ 16.8775, 17.7739,
19.3466


■ 7.7541, 13.2968,
8.6984


■ 18.8308, 18.7479,
20.9256

 7.4576, 13.1615,
7.8923

 21.0016, 19.8324,
22.5892

 23.3967, 21.0309,
24.3388

 26.0224, 22.3466,
26.1756

 28.8850, 23.7826,
28.1009

Harmonies

Analogous

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



11.8600, 14.9065, 10.2306



11.0917, 14.9065, 13.8479



11.0985, 14.9065, 18.9672

Triad

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



11.0917, 14.9065, 13.8479



15.0940, 14.9065, 27.7272



16.7334, 14.9065, 10.1845

Complementary

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



11.0917, 14.9065, 13.8479



11.3300, 8.8839, 10.5695

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.



17.7573, 14.9065, 13.7708



11.0917, 14.9065, 13.8479



16.7579, 14.9065, 24.2107

Square

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



11.0917, 14.9065, 13.8479



13.3097, 14.9065, 27.7600



17.7666, 14.9065, 18.8721



15.0628, 14.9065, 8.4385

Rectangle

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



11.0917, 14.9065, 13.8479



11.5379, 14.9065, 22.6162



17.7666, 14.9065, 18.8721



17.1706, 14.9065, 11.1767

Sweetspot

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



11.0921, 14.9071, 13.8482



26.4806, 29.9657, 31.4104



11.6433, 15.3182, 8.1377



6.0269, 6.8591, 7.1663



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.0921, 14.9071, 13.8482



18.2570, 25.9067, 22.8789



11.6516, 14.4159, 18.9987



3.7236, 4.1314, 4.3784



8.2086, 14.4974, 8.6544



39.5690, 70.4749, 39.8971

Inverse Universe

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



11.3300, 8.8839, 10.5695



18.7472, 13.5549, 16.1670



10.8853, 9.1110, 6.9795



3.7396, 3.7231, 4.1556



8.6474, 4.3927, 3.3517



41.7389, 21.2457, 14.2204

Previews

White Background



This preview shows how the XYZ color 11.0917, 14.9065, 13.8479 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 11.0917, 14.9065, 13.8479 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 11.0917, 14.9065, 13.8479

Background



This preview shows how black text looks on a background with the XYZ color 11.0917, 14.9065, 13.8479.



This preview shows how white text looks on a background with the XYZ color 11.0917, 14.9065,

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

11.0917, 14.9065, 13.8479

Protanopia

13.9156, 14.7504, 12.4696

Deuteranopia

15.0450, 14.8333, 14.3821



Tritanopia

12.5730, 15.0012, 20.9717

Trichromacy



Original Color

11.0917, 14.9065, 13.8479

Protanomaly

12.6798, 14.7365, 13.0026

Deuteranomaly

13.2484, 14.6822, 14.1923

Tritanomaly

11.9920, 14.9322, 18.1697

Monochromacy



Original Color

11.0917, 14.9065, 13.8479

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7744, 13.6091, 14.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0917, 14.9065, 13.8479 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(70, 117, 98)` looks like.

```
.text, #text, p{  
    color:rgb(70, 117, 98)  
}
```

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(70, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.0917, 14.9065, 13.8479 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(70, 117, 98) }
```


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

```
.border{ border-color:rgb(70, 117, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 117, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(70, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0917, 14.9065, 13.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 117, 98) }
```

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

```
.background{ background-color: rgb(70, 117,  
98) }
```

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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