

Converting Colors

XYZ(11.1398, 14.9142, 13.5325)

Have a look what the booklet for
XYZ(11.1398, 14.9142, 13.5325)
contains.

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Color

**XYZ(11.1914, 14.9634,
13.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	487561
RGB	72, 117, 97
RGB Percent	28%, 46%, 38%
CMY	0.7176, 0.5412, 0.6196
CMYK	0.38, 0.00, 0.17, 0.54
HSL	153°, 24%, 37%
HSV	153°, 38%, 46%
XYZ	11.1914, 14.9634, 13.6076
YIQ	101.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

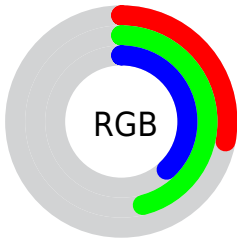
Format	Color
R_{YB}	72, 101, 117
Decimal	4748641
CIE _{Lab}	45.58, -20.38, 6.19
CIE _{LCh}	46, 21.299, 163.116
Yxy	14.9634, 0.2815, 0.3763
Android (android.graphics.Color)	4282938721 (0xFF487561)
YUV	101.2650, -2.1026, -25.6654
Hunter-Lab	38.6826, -16.0519, 6.2210

Details

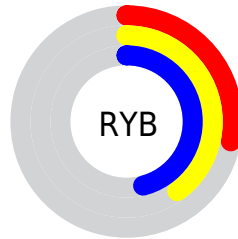
The XYZ color **11.1914, 14.9634, 13.6076** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.5857, 9.1896, 11.2888**, and the grayscale version is **12.4475, 13.0957, 14.2612**.

A 20% lighter version of the original color is **27.5593, 34.6516, 33.2529**, and **3.0414, 4.5675, 3.8533** is the 20% darker color. If you saturate the color by 10%, you get **10.1663, 14.4625, 12.3353**, and if you desaturate by 10%, it is **12.3993, 15.5575, 14.9721**.

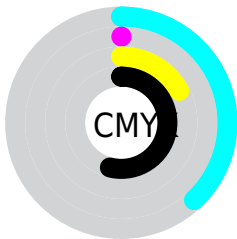
Distribution



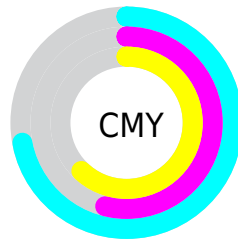
- Red (28%)
- Green (46%)
- Blue (38%)



- Red (28%)
- Yellow (40%)
- Blue (46%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



- Cyan (72%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1914, 14.9634, 13.6076 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 11.1914, 14.9634, 13.6076 by changing the saturation by 10% instead.

■ 11.1914, 14.9634,
13.6076

■ 11.1914, 14.9634,
13.6076

192.8573,
223.1446, 226.1187

■ 6.2640, 8.7937,
7.7126

■ 27.6434, 34.7890,
33.0982

■ 3.0484, 4.6069,
3.8265

■ 39.8986, 49.2136,
47.5309

■ 1.1794, 2.0185,
1.5307

■ 55.3272, 67.1587,
65.6466

■ 0.0900, 0.6182,
0.2406

■ 74.2945, 89.0086,
87.8638

■ 0.0000, 0.0000,
0.0000

■ 97.1657, 115.1478,
114.6011

124.3064,

145.9606, 146.2769

156.0818,
181.8314, 183.3100

■ 11.1914, 14.9634,
13.6076

■ 11.1914, 14.9634,
13.6076

■ 10.1663, 14.4625,
12.3353

■ 12.3993, 15.5575,
14.9721

■ 9.3130, 14.0479,
11.1521

■ 13.7977, 16.2476,
16.4298

■ 8.6212, 13.7148,
10.0563

■ 15.3954, 17.0386,
17.9828

■ 8.0789, 13.4570,
9.0456

■ 17.2004, 17.9344,
19.6331

■ 7.6723, 13.2675,
8.1176

■ 19.2199, 18.9389,
21.3823

■ 7.3616, 13.1258,
7.2688

■ 21.4612, 20.0557,
23.2321

■ 7.3157, 13.1049,
7.1449

■ 23.9309, 21.2882,
25.1843

■ 26.6355, 22.6398,
27.2405

■ 29.5811, 24.1135,
29.4022

Harmonies

Analogous

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



12.0083, 14.9634, 10.1323



11.1914, 14.9634, 13.6076



11.1418, 14.9634, 18.6203

Triad

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



11.1914, 14.9634, 13.6076



15.0134, 14.9634, 27.8286



16.8706, 14.9634, 10.4681

Complementary

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



11.1914, 14.9634, 13.6076



11.5857, 9.1896, 11.2888

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.



17.8238, 14.9634, 14.1675



11.1914, 14.9634, 13.6076



16.6928, 14.9634, 24.5490

Square

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



11.1914, 14.9634, 13.6076



13.2509, 14.9634, 27.5908



17.7562, 14.9634, 19.3094



15.2399, 14.9634, 8.5962

Rectangle

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



11.1914, 14.9634, 13.6076



11.5432, 14.9634, 22.2577



17.7562, 14.9634, 19.3094



17.2867, 14.9634, 11.5016

Sweetspot

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



11.1918, 14.9640, 13.6079



26.4236, 29.9429, 31.1102



11.9701, 15.4794, 8.4879



6.0129, 6.8535, 7.0924



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.



11.1918, 14.9640, 13.6079



18.4205, 26.0024, 22.3693



11.9861, 14.8672, 19.0684



3.7178, 4.1291, 4.3480



8.0521, 14.4348, 7.8303



38.8023, 70.1682, 35.8595

Inverse Universe

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



11.5857, 9.1896, 11.2888



19.2328, 14.1135, 17.6006



10.9717, 9.1810, 7.3248



3.7453, 3.7254, 4.1855



8.7581, 4.4370, 3.9345



42.2617, 21.4548, 16.9731

Previews

White Background



This preview shows how the XYZ color 11.1914, 14.9634, 13.6076 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 11.1914, 14.9634, 13.6076 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 11.1914, 14.9634, 13.6076

Background



This preview shows how black text looks on a background with the XYZ color 11.1914, 14.9634, 13.6076.



This preview shows how white text looks on a background with the XYZ color 11.1914, 14.9634,

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

11.1914, 14.9634, 13.6076

Protanopia

13.9995, 14.7988, 12.2438

Deuteranopia

15.1357, 14.8857, 14.1321



Tritanopia

12.6222, 14.8600, 20.9419

Trichromacy



Original Color

11.1914, 14.9634, 13.6076

Protanomaly

12.7418, 14.7737, 12.7697

Deuteranomaly

13.3143, 14.7217, 13.9442

Tritanomaly

12.0351, 14.7860, 18.1393

Monochromacy



Original Color

11.1914, 14.9634, 13.6076

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 11.1914, 14.9634, 13.6076 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(72, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(72, 117, 97)  
}
```

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(72, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 117, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.1914, 14.9634, 13.6076 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(72, 117, 97) }
```


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

```
.border{ border-color:rgb(72, 117, 97) }
```

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

Here you see how a box with a 4 pixel rgb(72, 117, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(72, 117,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1914, 14.9634, 13.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 117, 97) }
```

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

```
.background{ background-color: rgb(72, 117,  
97) }
```

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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