

Converting Colors

XYZ(12.0127, 14.8761, 13.5475)

Have a look what the booklet for
XYZ(12.0127, 14.8761, 13.5475)
contains.

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Color

**XYZ(12.0127, 14.8761,
13.5475)**

Conversions

Conversions Part 1

Format	Color
Hex	567261
RGB	86, 114, 97
RGB Percent	34%, 45%, 38%
CMY	0.6627, 0.5529, 0.6196
CMYK	0.25, 0.00, 0.15, 0.55
HSL	144°, 14%, 39%
HSV	144°, 25%, 45%
XYZ	12.0127, 14.8761, 13.5475
YIQ	103.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

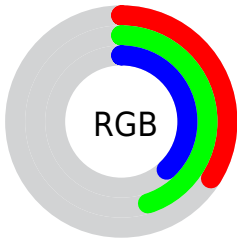
Format	Color
R _Y B	86, 106, 114
Decimal	5665377
CIE Lab	45.46, -14.01, 6.13
CIE LCh	45, 15.291, 156.380
Yxy	14.8761, 0.2971, 0.3679
Android (android.graphics.Color)	4283855457 (0xFF567261)
YUV	103.6900, -3.2982, -15.5141
Hunter-Lab	38.5695, -11.9019, 6.1732

Details

The XYZ color **12.0127, 14.8761, 13.5475** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7159, 11.2126, 14.3265**, and the grayscale version is **13.0863, 13.7678, 14.9931**.

A 20% lighter version of the original color is **29.1349, 34.6448, 33.1685**, and **3.4208, 4.5866, 3.8370** is the 20% darker color. If you saturate the color by 10%, you get **10.7369, 14.2545, 11.8761**, and if you desaturate by 10%, it is **13.4849, 15.5965, 15.3758**.

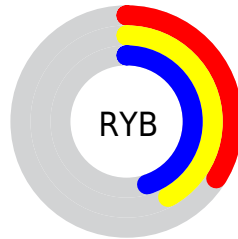
Distribution



Red (34%)

Green (45%)

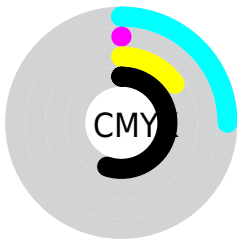
Blue (38%)



Red (34%)

Yellow (42%)

Blue (45%)

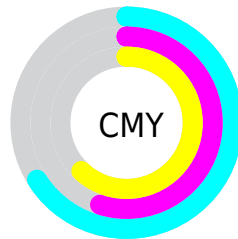


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0127, 14.8761, 13.5475 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 12.0127, 14.8761, 13.5475 by changing the saturation by 10% instead.

■ 12.0127, 14.8761,
13.5475

■ 12.0127, 14.8761,
13.5475

198.2575,
222.6151, 225.7270

■ 6.8246, 8.7325,
7.6715

■ 29.1349, 34.6357,
32.9894

■ 3.3980, 4.5671,
3.8007

■ 41.7997, 49.0204,
47.3924

■ 1.3676, 1.9956,
1.5167

■ 57.6874, 66.9210,
65.4749

■ 0.2329, 0.6049,
0.2303

■ 77.1634, 88.7218,
87.6552

■ 0.0000, 0.0000,
0.0000

■ 100.5931,
114.8072, 114.3521

128.3418,

145.5616, 145.9840

160.7748,
181.3694, 182.9694

■ 12.0127, 14.8761,
13.5475

■ 12.0127, 14.8761,
13.5475

■ 10.7369, 14.2545,
11.8761

■ 13.4849, 15.5965,
15.3758

■ 9.6477, 13.7255,
10.3563

■ 15.1605, 16.4181,
17.3640

■ 8.7362, 13.2850,
8.9844

■ 17.0474, 17.3451,
19.5162

■ 7.9922, 12.9279,
7.7556

■ 19.1529, 18.3813,
21.8361

■ 7.4046, 12.6485,
6.6652

■ 21.4838, 19.5302,
24.3274

■ 6.9605, 12.4403,
5.7082

■ 24.0467, 20.7951,
26.9934

■ 6.6401, 12.2931,
4.8789

■ 26.8479, 22.1792,
29.8375

■ 6.4871, 12.2230,
4.4784

■ 29.8935, 23.6854,
32.8631

■ 33.1892, 25.3168,
36.0733

Harmonies

Analogous

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



12.7363, 14.8761, 11.1829



12.0127, 14.8761, 13.5475



11.8431, 14.8761, 16.9892

Triad

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



12.0127, 14.8761, 13.5475



14.4131, 14.8761, 24.2126



16.2034, 14.8761, 12.3845

Complementary

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



12.0127, 14.8761, 13.5475



12.7159, 11.2126, 14.3265

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.



16.7146, 14.8761, 15.4309



12.0127, 14.8761, 13.5475



15.6417, 14.8761, 22.5237

Square

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



12.0127, 14.8761, 13.5475



13.1809, 14.8761, 23.5084



16.5031, 14.8761, 19.1724



15.1431, 14.8761, 10.5853

Rectangle

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



12.0127, 14.8761, 13.5475



12.0575, 14.8761, 19.5169



16.5031, 14.8761, 19.1724



16.4479, 14.8761, 13.2777

Sweetspot

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



12.0131, 14.8767, 13.5478



25.8342, 28.4546, 29.5702



13.3217, 15.6065, 11.1145



5.9485, 6.5678, 6.8080



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.0131, 14.8767, 13.5478



19.9051, 25.5539, 22.2497



12.7101, 15.1555, 17.2181



3.3943, 3.7829, 3.8826



7.2132, 13.6028, 4.9435



35.5335, 67.6020, 22.5266

Inverse Universe

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



12.7159, 11.2126, 14.3265



21.3473, 18.0316, 23.8460



12.0820, 10.9590, 10.9887



3.4616, 3.4323, 3.9573



8.9198, 4.4603, 6.6538



44.0009, 22.0457, 30.8663

Previews

White Background



This preview shows how the XYZ color 12.0127, 14.8761, 13.5475 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 12.0127, 14.8761, 13.5475 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 12.0127, 14.8761, 13.5475

Background



This preview shows how black text looks on a background with the XYZ color 12.0127, 14.8761, 13.5475.



This preview shows how white text looks on a background with the XYZ color 12.0127, 14.8761,

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

12.0127, 14.8761, 13.5475

Protanopia

13.9156, 14.7504, 12.4696

Deuteranopia

15.0876, 14.8664, 13.8787



Tritanopia

13.2911, 14.8986, 19.9445

Trichromacy



Original Color

12.0127, 14.8761, 13.5475

Protanomaly

13.1898, 14.8436, 12.7596

Deuteranomaly

13.7515, 14.7951, 13.6862

Tritanomaly

12.8386, 14.8820, 17.5251

Monochromacy



Original Color

12.0127, 14.8761, 13.5475

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.6413, 14.2061, 14.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0127, 14.8761, 13.5475 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, 114, 97) looks like.

```
.text, #text, p{  
    color:rgb(86, 114, 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(86, 114, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 114, 97) }
```

Border

The CSS property to change the border of an element to XYZ 12.0127, 14.8761, 13.5475 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, 114, 97) }
```


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

```
.border{ border-color:rgb(86, 114, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 114, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 114, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 114, 97);  
box-shadow:4px 4px 4px 4px rgb(86, 114,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0127, 14.8761, 13.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 114, 97) }
```

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

```
.background{ background-color: rgb(86, 114,  
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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