

Converting Colors

XYZ(10.9959, 13.0048, 13.5926)

Have a look what the booklet for
XYZ(10.9959, 13.0048, 13.5926)
contains.

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Color

**XYZ(11.0148, 13.0747,
13.4984)**

Conversions

Conversions Part 1

Format	Color
Hex	546A62
RGB	84, 106, 98
RGB Percent	33%, 42%, 38%
CMY	0.6706, 0.5843, 0.6157
CMYK	0.21, 0.00, 0.08, 0.58
HSL	158°, 12%, 37%
HSV	158°, 21%, 42%
XYZ	11.0148, 13.0747, 13.4984
YIQ	98.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

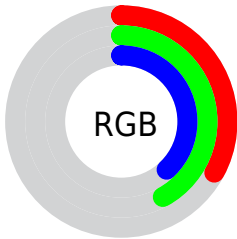
Format	Color
R_{YB}	84, 97, 106
Decimal	5532258
CIE Lab	42.88, -10.00, 1.78
CIE LCh	43, 10.161, 169.884
Yxy	13.0747, 0.2930, 0.3478
Android (android.graphics.Color)	4283722338 (0xFF546A62)
YUV	98.5100, -0.2514, -12.7253
Hunter-Lab	36.1590, -8.9032, 3.1779

Details

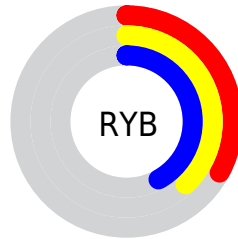
The XYZ color **11.0148, 13.0747, 13.4984** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0464, 10.1779, 11.5081**, and the grayscale version is **11.7395, 12.3508, 13.4501**.

A 20% lighter version of the original color is **27.3133, 31.3522, 33.0458**, and **2.9831, 3.7879, 3.8227** is the 20% darker color. If you saturate the color by 10%, you get **9.9593, 12.5515, 12.5218**, and if you desaturate by 10%, it is **12.2234, 13.6766, 14.5285**.

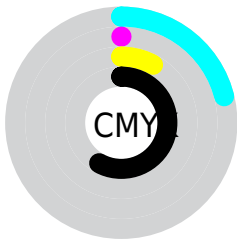
Distribution



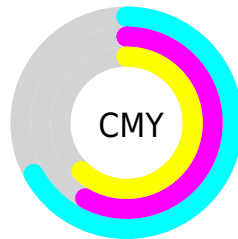
- Red (33%)
- Green (42%)
- Blue (38%)



- Red (33%)
- Yellow (38%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0148, 13.0747, 13.4984 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 11.0148, 13.0747, 13.4984 by changing the saturation by 10% instead.

■ 11.0148, 13.0747,
13.4984

■ 11.0148, 13.0747,
13.4984

191.6752,
211.3959, 225.4065

■ 6.1442, 7.4800,
7.6379

■ 27.3202, 31.4379,
32.9005

■ 2.9744, 3.7641,
3.7797

■ 39.4857, 44.9752,
47.2792

■ 1.1403, 1.5425,
1.5053

■ 54.8136, 61.9289,
65.3344

■ 0.0584, 0.3183,
0.2219

■ 73.6691, 82.6832,
87.4846

■ 0.0000, 0.0000,
0.0000

■ 96.4177, 107.6227,
114.1484

123.4247,

137.1317, 145.7443

155.0554,
171.5946, 182.6908

■ 11.0148, 13.0747,
13.4984

■ 11.0148, 13.0747,
13.4984

■ 9.9593, 12.5515,
12.5218

■ 12.2234, 13.6766,
14.5285

■ 9.0493, 12.1019,
11.5968

■ 13.5902, 14.3586,
15.6122

■ 8.2781, 11.7228,
10.7228

■ 15.1213, 15.1243,
16.7506

■ 7.6380, 11.4104,
9.8988

■ 16.8223, 15.9765,
17.9446

■ 7.1206, 11.1603,
9.1237

■ 18.6983, 16.9179,
19.1949

■ 6.7165, 10.9677,
8.3963

■ 20.7545, 17.9511,
20.5025

■ 6.4147, 10.8269,
7.7155

■ 22.9955, 19.0785,
21.8681

■ 6.1810, 10.7192,
7.1247

■ 25.4261, 20.3025,
23.2924

■ 28.0507, 21.6254,
24.7763

Harmonies

Analogous

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



11.3202, 13.0747, 11.6555



11.0148, 13.0747, 13.4984



11.0756, 13.0747, 15.7402

Triad

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



11.0148, 13.0747, 13.4984



12.9417, 13.0747, 18.6464



13.4139, 13.0747, 11.2108

Complementary

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



11.0148, 13.0747, 13.4984



11.0464, 10.1779, 11.5081

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.



13.8843, 13.0747, 12.8311



11.0148, 13.0747, 13.4984



13.6039, 13.0747, 17.1721

Square

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



11.0148, 13.0747, 13.4984



12.1668, 13.0747, 18.8729



13.9553, 13.0747, 15.0003



12.6911, 13.0747, 10.4288

Rectangle

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



11.0148, 13.0747, 13.4984



11.3165, 13.0747, 17.1571



13.9553, 13.0747, 15.0003



13.6081, 13.0747, 11.6671

Sweetspot

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



11.0152, 13.0752, 13.4987



22.5172, 24.5332, 26.3579



11.1750, 13.2275, 10.3519



5.2513, 5.7352, 6.1557



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.0152, 13.0752, 13.4987



18.3838, 22.4761, 22.8319



11.1150, 12.6397, 15.4901



3.1374, 3.4741, 3.7073



7.6540, 13.2957, 8.7551



38.5733, 67.5764, 42.3614

Inverse Universe

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



11.0464, 10.1779, 11.5081



18.4498, 16.3892, 18.6515



10.9473, 10.5102, 9.8395



3.1410, 3.1333, 3.4730



7.8063, 3.9747, 2.6087



39.3908, 20.0983, 11.2609

Previews

White Background



This preview shows how the XYZ color 11.0148, 13.0747, 13.4984 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 11.0148, 13.0747, 13.4984 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 11.0148, 13.0747, 13.4984

Background



This preview shows how black text looks on a background with the XYZ color 11.0148, 13.0747, 13.4984.



This preview shows how white text looks on a background with the XYZ color 11.0148, 13.0747,

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

11.0148, 13.0747, 13.4984

Protanopia

12.4282, 13.0766, 12.6955

Deuteranopia

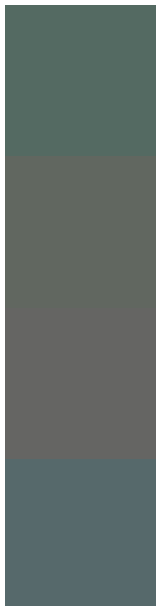
13.2235, 13.0350, 13.8756



Tritanopia

11.8054, 13.0967, 17.2349

Trichromacy



Original Color

11.0148, 13.0747, 13.4984

Protanomaly

11.8913, 13.0864, 12.9655

Deuteranomaly

12.2726, 12.9749, 13.6620

Tritanomaly

11.5432, 13.1431, 15.8384

Monochromacy



Original Color

11.0148, 13.0747, 13.4984

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6196, 12.7833, 13.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0148, 13.0747, 13.4984 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(84, 106, 98) looks like.

```
.text, #text, p{  
    color:rgb(84, 106, 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(84, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 106, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.0148, 13.0747, 13.4984 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(84, 106, 98) }
```


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

```
.border{ border-color:rgb(84, 106, 98) }
```

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

Here you see how a box with a 4 pixel rgb(84, 106, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(84, 106,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0148, 13.0747, 13.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 106, 98) }
```

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

```
.background{ background-color: rgb(84, 106,  
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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