

Converting Colors

XYZ(10.8196, 13.4356, 12.9806)

Have a look what the booklet for
XYZ(10.8196, 13.4356, 12.9806)
contains.

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Color

**XYZ(10.8882, 13.4873,
13.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	506D60
RGB	80, 109, 96
RGB Percent	31%, 43%, 38%
CMY	0.6863, 0.5725, 0.6235
CMYK	0.27, 0.00, 0.12, 0.57
HSL	153°, 15%, 37%
HSV	153°, 27%, 43%
XYZ	10.8882, 13.4873, 13.0958
YIQ	98.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

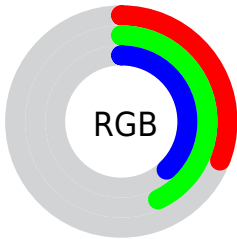
Format	Color
R_{YB}	80, 99, 109
Decimal	5270880
CIE Lab	43.49, -13.58, 3.84
CIE LCh	43, 14.115, 164.202
Yxy	13.4873, 0.2906, 0.3599
Android (android.graphics.Color)	4283460960 (0xFF506D60)
YUV	98.8470, -1.4036, -16.5288
Hunter-Lab	36.7251, -11.3474, 4.5653

Details

The XYZ color **10.8882, 13.4873, 13.0958** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.1515, 9.7791, 11.6562**, and the grayscale version is **11.8273, 12.4432, 13.5507**.

A 20% lighter version of the original color is **27.1391, 32.3109, 32.0004**, and **2.9042, 3.9079, 3.6188** is the 20% darker color. If you saturate the color by 10%, you get **9.8235, 12.9640, 11.9080**, and if you desaturate by 10%, it is **12.1170, 14.0943, 14.3649**.

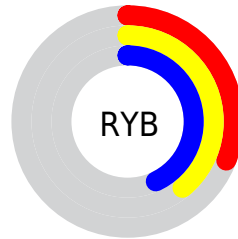
Distribution



Red (31%)

Green (43%)

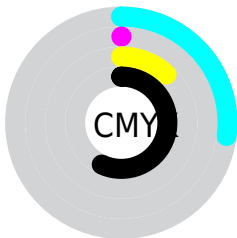
Blue (38%)



Red (31%)

Yellow (39%)

Blue (43%)

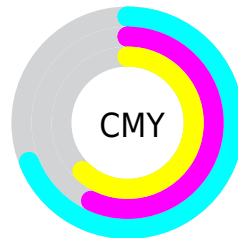


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8882, 13.4873, 13.0958 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 10.8882, 13.4873, 13.0958 by changing the saturation by 10% instead.

■ 10.8882, 13.4873,
13.0958

■ 10.8882, 13.4873,
13.0958

190.8231,
214.0175, 222.7601

■ 6.0584, 7.7650,
7.3630

■ 27.0880, 32.1765,
32.1695

■ 2.9216, 3.9449,
3.6083

■ 39.1888, 45.9122,
46.3475

■ 1.1125, 1.6428,
1.4130

■ 54.4440, 63.0877,
64.1777

■ 0.0355, 0.3862,
0.1518

■ 73.2189, 84.0875,
86.0786

■ 0.0000, 0.0000,
0.0000

■ 95.8789, 109.2960,
112.4687

122.7894,

139.0976, 143.7667

154.3157,
173.8766, 180.3909

■ 10.8882, 13.4873,
13.0958

■ 10.8882, 13.4873,
13.0958

■ 9.8235, 12.9640,
11.9080

■ 12.1170, 14.0943,
14.3649

■ 8.9144, 12.5189,
10.7989

■ 13.5156, 14.7869,
15.7160

■ 8.1531, 12.1485,
9.7671

■ 15.0912, 15.5690,
17.1509

■ 7.5309, 11.8483,
8.8107

■ 16.8497, 16.4437,
18.6711

■ 7.0379, 11.6132,
7.9279

■ 18.7971, 17.4141,
20.2781

■ 6.6630, 11.4375,
7.1168

■ 20.9391, 18.4830,
21.9734

■ 6.3791, 11.3072,
6.3743

■ 23.2809, 19.6532,
23.7583

■ 6.2882, 11.2655,
6.1371

■ 25.8278, 20.9273,
25.6342

■ 28.5847, 22.3078,
27.6024

Harmonies

Analogous

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



11.3992, 13.4873, 10.7536



10.8882, 13.4873, 13.0958



10.8745, 13.4873, 16.2237

Triad

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



10.8882, 13.4873, 13.0958



13.3457, 13.4873, 21.3822



14.3976, 13.4873, 10.8509

Complementary

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



10.8882, 13.4873, 13.0958



11.1515, 9.7791, 11.6562

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.



14.9831, 13.4873, 13.2475



10.8882, 13.4873, 13.0958



14.3526, 13.4873, 19.4748

Square

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



10.8882, 13.4873, 13.0958



12.2515, 13.4873, 21.3260



14.9662, 13.4873, 16.3986



13.4043, 13.4873, 9.5898

Rectangle

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



10.8882, 13.4873, 13.0958



11.1469, 13.4873, 18.3639



14.9662, 13.4873, 16.3986



14.6511, 13.4873, 11.5341

Sweetspot

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



10.8886, 13.4879, 13.0961



23.7751, 26.2660, 27.7397



11.4363, 13.8469, 9.6594



5.4595, 6.0760, 6.3858



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.8886, 13.4879, 13.0961



18.2657, 23.5450, 22.0967



11.3842, 13.4406, 16.4630



3.1273, 3.4701, 3.6542



7.3422, 13.1710, 7.1131



36.9691, 66.9347, 33.9141

Inverse Universe

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



11.1515, 9.7791, 11.6562



18.8231, 15.6887, 19.0480



10.7310, 9.7826, 8.9121



3.1509, 3.1372, 3.5249



8.0096, 4.0560, 3.6791



40.3869, 20.4967, 16.5061

Previews

White Background



This preview shows how the XYZ color 10.8882, 13.4873, 13.0958 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 10.8882, 13.4873, 13.0958 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

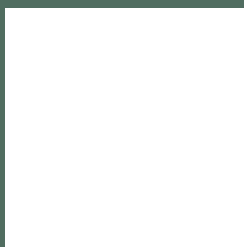
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8882, 13.4873, 13.0958

Background



This preview shows how black text looks on a background with the XYZ color 10.8882, 13.4873, 13.0958.



This preview shows how white text looks on a background with the XYZ color 10.8882, 13.4873,

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

10.8882, 13.4873, 13.0958

Protanopia

12.7465, 13.4012, 12.0401

Deuteranopia

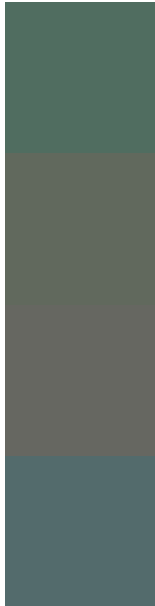
13.6059, 13.3829, 13.4213



Tritanopia

11.9047, 13.4307, 18.1846

Trichromacy



Original Color

10.8882, 13.4873, 13.0958

Protanomaly

11.9571, 13.4349, 12.3189

Deuteranomaly

12.4874, 13.3883, 13.2353

Tritanomaly

11.5317, 13.4371, 16.1732

Monochromacy



Original Color

10.8882, 13.4873, 13.0958

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4685, 12.8576, 13.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8882, 13.4873, 13.0958 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(80, 109, 96) looks like.

```
.text, #text, p{  
    color:rgb(80, 109, 96)  
}
```

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(80, 109, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 109, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.8882, 13.4873, 13.0958 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(80, 109, 96) }
```


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

```
.border{ border-color:rgb(80, 109, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 109, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(80, 109,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8882, 13.4873, 13.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 109, 96) }
```

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

```
.background{ background-color: rgb(80, 109,  
96) }
```

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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