

Converting Colors

XYZ(10.7437, 13.6092, 9.3823)

Have a look what the booklet for
XYZ(10.7437, 13.6092, 9.3823)
contains.

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Color

**XYZ(10.8250, 13.6948,
9.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	566E4F
RGB	86, 110, 79
RGB Percent	34%, 43%, 31%
CMY	0.6627, 0.5686, 0.6902
CMYK	0.22, 0.00, 0.28, 0.57
HSL	106°, 16%, 37%
HSV	106°, 28%, 43%
XYZ	10.8250, 13.6948, 9.4700
YIQ	99.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

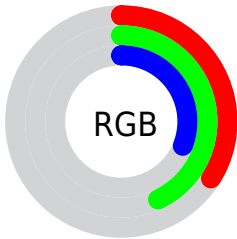
Format	Color
R_{YB}	79, 110, 103
Decimal	5664335
CIE _{Lab}	43.79, -15.36, 14.48
CIE _{LCh}	44, 21.108, 136.696
Yxy	13.6948, 0.3185, 0.4029
Android (android.graphics.Color)	4283854415 (0xFF566E4F)
YUV	99.2900, -10.0030, -11.6553
Hunter-Lab	37.0065, -12.5472, 10.7322

Details

The XYZ color **10.8250, 13.6948, 9.4700** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.2045, 9.6017, 16.0153**, and the grayscale version is **11.9585, 12.5812, 13.7010**.

A 20% lighter version of the original color is **26.9700, 32.6334, 25.2995**, and **2.8864, 4.0119, 2.1356** is the 20% darker color. If you saturate the color by 10%, you get **9.7194, 13.1678, 7.4984**, and if you desaturate by 10%, it is **12.0911, 14.2977, 11.7957**.

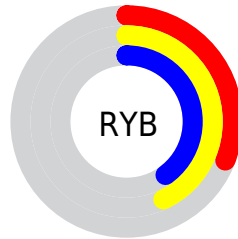
Distribution



Red (34%)

Green (43%)

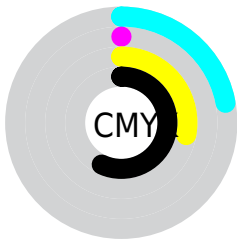
Blue (31%)



Red (31%)

Yellow (43%)

Blue (40%)

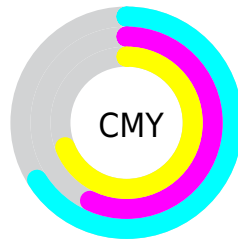


Cyan (22%)

Magenta (0%)

Yellow (28%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8250, 13.6948, 9.4700 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 10.8250, 13.6948, 9.4700 by changing the saturation by 10% instead.

■ 10.8250, 13.6948,
9.4700

■ 10.8250, 13.6948,
9.4700

190.3962,
215.3238, 197.1917

■ 6.0157, 7.9087,
4.9480

■ 26.9719, 32.5465,
25.3858

■ 2.8954, 4.0366,
2.1586

■ 39.0403, 46.3809,
37.6166

■ 1.0987, 1.6940,
0.6503

■ 54.2590, 63.6669,
53.2542

■ 0.0240, 0.4198,
0.0000

■ 72.9935, 84.7888,
72.7171

■ 0.0000, 0.0000,
0.0000

■ 95.6091, 110.1310,
96.4237

122.4712,

140.0780, 124.7927

153.9451,
175.0142, 158.2425

■ 10.8250, 13.6948,
9.4700

■ 10.8250, 13.6948,
9.4700

■ 9.7194, 13.1678,
7.4984

■ 12.0911, 14.2977,
11.7957

■ 8.7667, 12.7118,
5.8626

■ 13.5227, 14.9776,
14.4906

■ 7.9602, 12.3244,
4.5441

■ 15.1260, 15.7376,
17.5703

■ 7.2924, 12.0021,
3.5224

■ 16.9065, 16.5804,
21.0489

■ 6.7549, 11.7410,
2.7744

■ 18.8696, 17.5083,
24.9401

■ 6.3386, 11.5370,
2.2736

■ 21.0202, 18.5236,
29.2567

■ 6.0231, 11.3815,
1.9368

■ 23.3632, 19.6287,
34.0111

■ 5.9731, 11.3570,
1.8773

■ 25.9033, 20.8256,
39.2153

■ 28.6450, 22.1165,
44.8804

Harmonies

Analogous

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



12.1191, 13.6948, 7.7461



10.8250, 13.6948, 9.4700



10.1455, 13.6948, 12.9013

Triad

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



10.8250, 13.6948, 9.4700



12.2943, 13.6948, 25.7192



16.3265, 13.6948, 12.4316

Complementary

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



10.8250, 13.6948, 9.4700



11.2045, 9.6017, 16.0153

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.



16.3836, 13.6948, 17.1199



10.8250, 13.6948, 9.4700



13.9571, 13.6948, 25.5179

Square

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



10.8250, 13.6948, 9.4700



10.9438, 13.6948, 22.6196



15.4854, 13.6948, 22.1171



15.3356, 13.6948, 9.1895

Rectangle

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



10.8250, 13.6948, 9.4700



10.0914, 13.6948, 16.0051



15.4854, 13.6948, 22.1171



16.4583, 13.6948, 13.8686

Sweetspot

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



10.8254, 13.6954, 9.4703



23.7391, 26.2985, 25.4315



12.6693, 13.5342, 9.3420



5.4498, 6.0845, 5.7766



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.



10.8254, 13.6954, 9.4703



17.6744, 23.4136, 14.2358



10.5320, 13.5072, 11.1264



3.4091, 3.7962, 3.6264



7.1520, 13.6307, 2.2540



34.9903, 67.5722, 11.1986

Inverse Universe

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



11.2045, 9.6017, 16.0153



18.4579, 14.9191, 27.8141



11.6120, 9.8614, 13.7931



3.4444, 3.4174, 4.2323



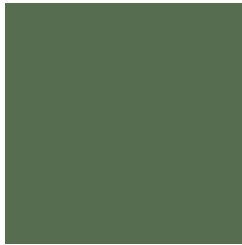
7.8740, 3.6686, 18.0147



38.4548, 17.8785, 89.7032

Previews

White Background



This preview shows how the XYZ color 10.8250, 13.6948, 9.4700 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 10.8250, 13.6948, 9.4700 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 10.8250, 13.6948, 9.4700

Background



This preview shows how black text looks on a background with the XYZ color 10.8250, 13.6948, 9.4700.



This preview shows how white text looks on a background with the XYZ color 10.8250, 13.6948,

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

10.8250, 13.6948, 9.4700

Protanopia

12.7103, 13.6018, 8.7930

Deuteranopia

13.8322, 13.5827, 9.6773



Tritanopia

12.5025, 13.5934, 17.8844

Trichromacy



Original Color

10.8250, 13.6948, 9.4700

Protanomaly

11.9731, 13.6687, 9.0284

Deuteranomaly

12.4826, 13.4678, 9.5311

Tritanomaly

11.8231, 13.6286, 14.3194

Monochromacy



Original Color

10.8250, 13.6948, 9.4700

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3981, 12.8529, 12.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8250, 13.6948, 9.4700 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, 110, 79) looks like.

```
.text, #text, p{  
    color:rgb(86, 110, 79)  
}
```

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, 110, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 110, 79) }
```

Border

The CSS property to change the border of an element to XYZ 10.8250, 13.6948, 9.4700 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, 110, 79) }
```


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

```
.border{ border-color:rgb(86, 110, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 110, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 110, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 110, 79);  
box-shadow:4px 4px 4px 4px rgb(86, 110,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8250, 13.6948, 9.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 110, 79) }
```

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

```
.background{ background-color: rgb(86, 110,  
79) }
```

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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