

Converting Colors

XYZ(10.2332, 13.5015, 11.1686)

Have a look what the booklet for
XYZ(10.2332, 13.5015, 11.1686)
contains.

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Color

**XYZ(10.2288, 13.5128,
11.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6F57
RGB	74, 111, 87
RGB Percent	29%, 44%, 34%
CMY	0.7098, 0.5647, 0.6588
CMYK	0.33, 0.00, 0.22, 0.56
HSL	141°, 20%, 36%
HSV	141°, 33%, 44%
XYZ	10.2288, 13.5128, 11.0860
YIQ	97.2010, -14.3480, -15.3080

Conversions

Conversions Part 2

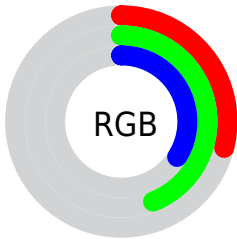
Format	Color
R_{YB}	74, 101, 111
Decimal	4878167
CIE _{Lab}	43.53, -18.75, 9.24
CIE _{LCh}	44, 20.902, 153.762
Y _{xy}	13.5128, 0.2937, 0.3880
Android (android.graphics.Color)	4283068247 (0xFF4A6F57)
Y _{UV}	97.2010, -5.0291, -20.3473
Hunter-Lab	36.7598, -14.6600, 7.8512

Details

The XYZ color **10.2288, 13.5128, 11.0860** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.2094, 9.1593, 12.7329**, and the grayscale version is **11.4265, 12.0216, 13.0915**.

A 20% lighter version of the original color is **25.9247, 32.2856, 28.5323**, and **2.6474, 3.9552, 2.8144** is the 20% darker color. If you saturate the color by 10%, you get **9.1689, 12.9991, 9.5768**, and if you desaturate by 10%, it is **11.4696, 14.1171, 12.7575**.

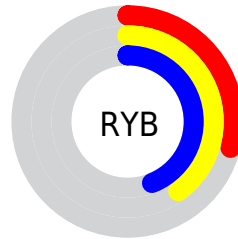
Distribution



Red (29%)

Green (44%)

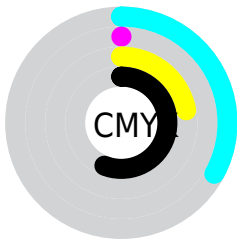
Blue (34%)



Red (29%)

Yellow (40%)

Blue (44%)

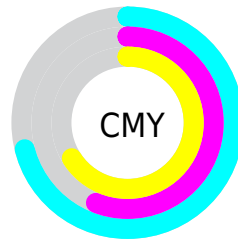


Cyan (33%)

Magenta (0%)

Yellow (22%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2288, 13.5128, 11.0860 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 10.2288, 13.5128, 11.0860 by changing the saturation by 10% instead.

■ 10.2288, 13.5128,
11.0860

■ 10.2288, 13.5128,
11.0860

186.3170,
214.1785, 209.0152

■ 5.6144, 7.7826,
6.0098

■ 25.8708, 32.2220,
28.4582

■ 2.6504, 3.9562,
2.7822

■ 37.6290, 45.9698,
41.5912

■ 0.9717, 1.6491,
0.9845

■ 52.4992, 63.1590,
58.2470

■ 0.0000, 0.3903,
0.0000

■ 70.8467, 84.1739,
78.8440

■ 0.0000, 0.0000,
0.0000

■ 93.0369, 109.3989,
103.8007

119.4351,

139.2184, 133.5359

150.4067,
174.0168, 168.4678

■ 10.2288, 13.5128,
11.0860

■ 10.2288, 13.5128,
11.0860

■ 9.1689, 12.9991,
9.5768

■ 11.4696, 14.1171,
12.7575

■ 8.2800, 12.5699,
8.2240

■ 12.8985, 14.8146,
14.5951

■ 7.5530, 12.2209,
7.0229

■ 14.5234, 15.6094,
16.6034

■ 6.9773, 11.9469,
5.9680

■ 16.3515, 16.5055,
18.7868

■ 6.5411, 11.7418,
5.0536

■ 18.3898, 17.5060,
21.1495

■ 6.2282, 11.5974,
4.2735

■ 20.6446, 18.6144,
23.6954

■ 6.0509, 11.5158,
3.8233

■ 23.1223, 19.8338,
26.4284

■ 25.8289, 21.1672,
29.3523

■ 28.7701, 22.6174,
32.4707

Harmonies

Analogous

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



11.1769, 13.5128, 8.4337



10.2288, 13.5128, 11.0860



9.9591, 13.5128, 15.3108

Triad

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



10.2288, 13.5128, 11.0860



13.0506, 13.5128, 25.6295



15.6337, 13.5128, 10.2615

Complementary

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



10.2288, 13.5128, 11.0860



11.2094, 9.1593, 12.7329

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.



16.2371, 13.5128, 14.1312



10.2288, 13.5128, 11.0860



14.6681, 13.5128, 23.5233

Square

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



10.2288, 13.5128, 11.0860



11.5052, 13.5128, 24.3389



15.8697, 13.5128, 19.0560



14.2818, 13.5128, 8.0332

Rectangle

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



10.2288, 13.5128, 11.0860



10.1796, 13.5128, 18.6407



15.8697, 13.5128, 19.0560



15.9358, 13.5128, 11.3801

Sweetspot

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



10.2292, 13.5134, 11.0863



23.9488, 26.9438, 27.2018



11.9633, 14.4633, 8.6400



5.6798, 6.4370, 6.4430



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.



10.2292, 13.5134, 11.0863



16.8166, 23.4693, 17.7300



11.0819, 13.8545, 15.5768



3.3890, 3.7808, 3.8547



7.1183, 13.5648, 4.4438



35.0843, 67.4224, 20.1610

Inverse Universe

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



11.2094, 9.1593, 12.7329



18.8608, 14.3807, 21.1580



10.4361, 8.8500, 8.6610



3.4670, 3.4345, 3.9861



9.0908, 4.5287, 7.5543



44.8656, 22.3916, 35.4199

Previews

White Background



This preview shows how the XYZ color 10.2288, 13.5128, 11.0860 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 10.2288, 13.5128, 11.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

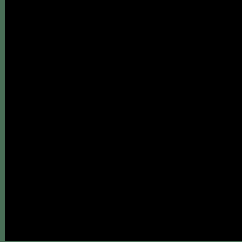
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2288, 13.5128, 11.0860

Background



This preview shows how black text looks on a background with the XYZ color 10.2288, 13.5128, 11.0860.



This preview shows how white text looks on a background with the XYZ color 10.2288, 13.5128,

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

10.2288, 13.5128, 11.0860

Protanopia

12.6194, 13.3785, 10.1008

Deuteranopia

13.6434, 13.4438, 11.5487



Tritanopia

11.7183, 13.4818, 18.5076

Trichromacy



Original Color

10.2288, 13.5128, 11.0860

Protanomaly

11.4757, 13.2300, 10.3363

Deuteranomaly

12.0202, 13.1885, 11.3633

Tritanomaly

11.0542, 13.3647, 15.3616

Monochromacy



Original Color

10.2288, 13.5128, 11.0860

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8470, 12.4169, 12.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2288, 13.5128, 11.0860 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(74, 111, 87)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 87)  
}
```

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(74, 111, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.2288, 13.5128, 11.0860 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(74, 111, 87) }
```


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

```
.border{ border-color:rgb(74, 111, 87) }
```

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

Here you see how a box with a 4 pixel rgb(74, 111, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 87);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2288, 13.5128, 11.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 87) }
```

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

```
.background{ background-color: rgb(74, 111,  
87) }
```

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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