

Converting Colors

XYZ(11.0850, 13.9670, 10.1878)

Have a look what the booklet for
XYZ(11.0850, 13.9670, 10.1878)
contains.

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Color

**XYZ(11.0452, 13.9565,
10.0944)**

Conversions

Conversions Part 1

Format	Color
Hex	566F52
RGB	86, 111, 82
RGB Percent	34%, 44%, 32%
CMY	0.6627, 0.5647, 0.6784
CMYK	0.23, 0.00, 0.26, 0.56
HSL	112°, 15%, 38%
HSV	112°, 26%, 44%
XYZ	11.0452, 13.9565, 10.0944
YIQ	100.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

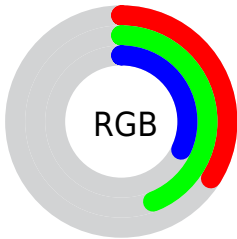
Format	Color
RYB	82, 111, 107
Decimal	5664594
CIELab	44.17, -15.36, 13.22
CIELCh	44, 20.268, 139.274
Yxy	13.9565, 0.3147, 0.3977
Android (android.graphics.Color)	4283854674 (0xFF566F52)
YUV	100.2190, -8.9820, -12.4701
Hunter-Lab	37.3584, -12.6028, 10.1305

Details

The XYZ color **11.0452, 13.9565, 10.0944** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.9505, 10.3085, 16.3995**, and the grayscale version is **12.1926, 12.8276, 13.9692**.

A 20% lighter version of the original color is **27.4154, 33.0946, 26.7727**, and **2.9865, 4.1397, 2.3919** is the 20% darker color. If you saturate the color by 10%, you get **9.8337, 13.3773, 8.0084**, and if you desaturate by 10%, it is **12.4438, 14.6251, 12.5466**.

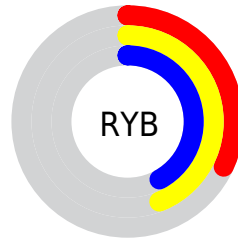
Distribution



Red (34%)

Green (44%)

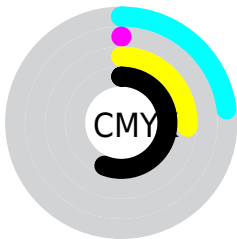
Blue (32%)



Red (32%)

Yellow (44%)

Blue (42%)

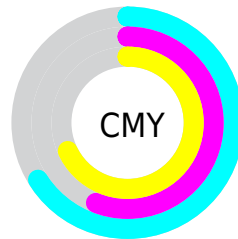


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0452, 13.9565, 10.0944 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 11.0452, 13.9565, 10.0944 by changing the saturation by 10% instead.

■ 11.0452, 13.9565,
10.0944

■ 11.0452, 13.9565,
10.0944

191.8793,
216.9600, 201.8537

■ 6.1648, 8.0904,
5.3552

■ 27.3759, 33.0118,
26.5835

■ 2.9871, 4.1529,
2.3948

■ 39.5569, 46.9699,
39.1704

■ 1.1470, 1.7594,
0.7836

■ 54.9022, 64.3940,
55.2104

■ 0.0639, 0.4617,
0.0000

■ 73.7770, 85.6686,
75.1218

■ 0.0000, 0.0000,
0.0000

■ 96.5468, 111.1782,
99.3234

123.5768,

141.3070, 128.2335

155.2325,
176.4395, 162.2708

■ 11.0452, 13.9565,
10.0944

■ 11.0452, 13.9565,
10.0944

■ 9.8337, 13.3773,
8.0084

■ 12.4438, 14.6251,
12.5466

■ 8.8003, 12.8820,
6.2700

■ 14.0358, 15.3847,
15.3803

■ 7.9369, 12.4671,
4.8608

■ 15.8286, 16.2393,
18.6111

■ 7.2341, 12.1285,
3.7598

■ 17.8291, 17.1920,
22.2537

■ 6.6818, 11.8612,
2.9441

■ 20.0435, 18.2458,
26.3217

■ 6.2688, 11.6602,
2.3873

■ 22.4779, 19.4036,
30.8283

■ 5.9771, 11.5174,
2.0315

■ 25.1382, 20.6681,
35.7860

■ 5.8868, 11.4736,
1.9044

■ 28.0301, 22.0419,
41.2069

■ 31.1590, 23.5277,
47.1027

Harmonies

Analogous

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



12.2649, 13.9565, 8.2439



11.0452, 13.9565, 10.0944



10.4382, 13.9565, 13.5982

Triad

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



11.0452, 13.9565, 10.0944



12.6948, 13.9565, 25.7347



16.4228, 13.9565, 12.4418

Complementary

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



11.0452, 13.9565, 10.0944



11.9505, 10.3085, 16.3995

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.



16.5615, 13.9565, 16.9149



11.0452, 13.9565, 10.0944



14.3185, 13.9565, 25.2496

Square

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



11.0452, 13.9565, 10.0944



11.3379, 13.9565, 22.9948



15.7644, 13.9565, 21.7796



15.3995, 13.9565, 9.3964

Rectangle

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



11.0452, 13.9565, 10.0944



10.4266, 13.9565, 16.6773



15.7644, 13.9565, 21.7796



16.5774, 13.9565, 13.8056

Sweetspot

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



11.0456, 13.9571, 10.0947



24.5068, 27.2494, 26.4207



13.3004, 14.4319, 10.0675



5.7996, 6.5045, 6.1903



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.



11.0456, 13.9571, 10.0947



18.4975, 24.3789, 15.8614



11.1029, 13.9387, 12.2652



3.3839, 3.7833, 3.6252



6.9213, 13.5118, 2.2432



34.0313, 67.0778, 11.1537

Inverse Universe

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



11.9505, 10.3085, 16.3995



20.3932, 16.7262, 29.0834



11.9150, 10.3511, 13.6439



3.4714, 3.4313, 4.2336



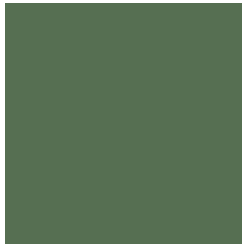
9.0115, 4.2550, 18.0679



44.3521, 20.9187, 89.9792

Previews

White Background



This preview shows how the XYZ color 11.0452, 13.9565, 10.0944 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 11.0452, 13.9565, 10.0944 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 11.0452, 13.9565, 10.0944

Background



This preview shows how black text looks on a background with the XYZ color 11.0452, 13.9565, 10.0944.



This preview shows how white text looks on a background with the XYZ color 11.0452, 13.9565,

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

11.0452, 13.9565, 10.0944

Protanopia

12.9171, 13.8446, 9.3886

Deuteranopia

14.0426, 13.8194, 10.3148



Tritanopia

12.7658, 14.0285, 18.2546

Trichromacy



Original Color

11.0452, 13.9565, 10.0944

Protanomaly

12.1852, 13.9194, 9.6339

Deuteranomaly

12.6960, 13.7133, 10.1614

Tritanomaly

12.0272, 13.8781, 14.8768

Monochromacy



Original Color

11.0452, 13.9565, 10.0944

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6454, 13.1238, 12.2753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0452, 13.9565, 10.0944 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, 111, 82)` looks like.

```
.text, #text, p{  
    color:rgb(86, 111, 82)  
}
```

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, 111, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 111, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.0452, 13.9565, 10.0944 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, 111, 82) }
```


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

```
.border{ border-color:rgb(86, 111, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 111, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 111, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 111, 82);  
box-shadow:4px 4px 4px 4px rgb(86, 111,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0452, 13.9565, 10.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 111, 82) }
```

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

```
.background{ background-color: rgb(86, 111,  
82) }
```

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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