

Converting Colors

XYZ(11.0695, 12.6655, 15.0503)

Have a look what the booklet for
XYZ(11.0695, 12.6655, 15.0503)
contains.

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Color

**XYZ(11.0051, 12.5848,
14.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	546768
RGB	84, 103, 104
RGB Percent	33%, 40%, 41%
CMY	0.6706, 0.5961, 0.5922
CMYK	0.19, 0.01, 0.00, 0.59
HSL	183°, 11%, 37%
HSV	183°, 19%, 41%
XYZ	11.0051, 12.5848, 14.9458
YIQ	97.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

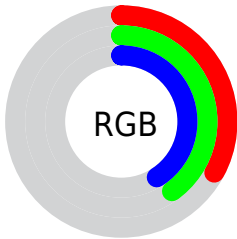
Format	Color
R_{YB}	84, 94, 104
Decimal	5531496
CIE _{Lab}	42.13, -6.86, -2.94
CIE _{LCh}	42, 7.469, 203.210
Yxy	12.5848, 0.2856, 0.3266
Android (android.graphics.Color)	4283721576 (0xFF546768)
YUV	97.4330, 3.2375, -11.7807
Hunter-Lab	35.4751, -6.7070, -0.1466

Details

The XYZ color **11.0051, 12.5848, 14.9458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5578, 10.0802, 9.7769**, and the grayscale version is **11.4635, 12.0605, 13.1339**.

A 20% lighter version of the original color is **27.3035, 30.5461, 35.4673**, and **2.9520, 3.5358, 4.3978** is the 20% darker color. If you saturate the color by 10%, you get **10.0911, 12.0375, 14.8885**, and if you desaturate by 10%, it is **12.0584, 13.2050, 15.0102**.

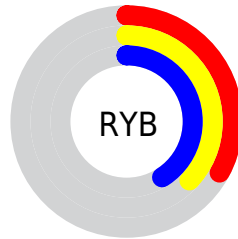
Distribution



Red (33%)

Green (40%)

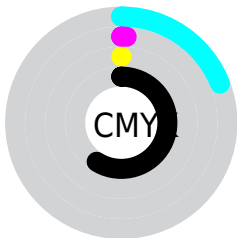
Blue (41%)



Red (33%)

Yellow (37%)

Blue (41%)

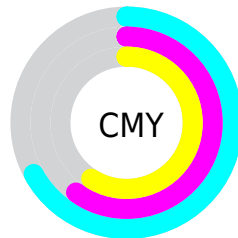


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (59%)



Cyan (67%)

Magenta (60%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0051, 12.5848, 14.9458 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 11.0051, 12.5848, 14.9458 by changing the saturation by 10% instead.

■ 11.0051, 12.5848,
14.9458

■ 11.0051, 12.5848,
14.9458

191.6101,
208.2393, 234.6674

■ 6.1376, 7.1433,
8.6352

■ 27.3025, 30.5558,
35.4990

■ 2.9704, 3.5519,
4.4104

■ 39.4630, 43.8541,
50.5787

■ 1.1381, 1.4262,
1.8531

■ 54.7853, 60.5401,
69.4184

■ 0.0566, 0.2359,
0.4626

■ 73.6347, 80.9981,
92.4368

■ 0.0000, 0.0000,
0.0000

■ 96.3765, 105.6127,
120.0524

123.3761,

134.7682, 152.6836

154.9988,
168.8489, 190.7491

■ 11.0051, 12.5848,
14.9458

■ 11.0051, 12.5848,
14.9458

■ 10.0911, 12.0375,
14.8885

■ 12.0584, 13.2050,
15.0102

■ 9.3093, 11.5585,
14.8373

■ 13.2555, 13.8996,
15.0812

■ 8.6535, 11.1449,
14.7920

■ 14.6023, 14.6717,
15.1592

■ 8.1165, 10.7931,
14.7524

■ 16.1039, 15.5242,
15.2446

■ 7.6906, 10.4990,
14.7181

■ 17.7651, 16.4594,
15.3376

7.3672, 10.2582,
14.6887

19.5905, 17.4797,
15.4383

7.1362, 10.0655,
14.6636

21.5846, 18.5875,
15.5470

6.9562, 9.8996,
14.6411

23.7517, 19.7850,
15.6640

6.9424, 9.8869,
14.6394

26.0960, 21.0742,
15.7892

Harmonies

Analogous

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



10.9305, 12.5848, 13.3437



11.0051, 12.5848, 14.9458



11.3323, 12.5848, 16.3053

Triad

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



11.0051, 12.5848, 14.9458



12.8387, 12.5848, 15.6204



12.0884, 12.5848, 10.8804

Complementary

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



11.0051, 12.5848, 14.9458



10.5578, 10.0802, 9.7769

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.



12.6136, 12.5848, 11.3930



11.0051, 12.5848, 14.9458



13.0554, 12.5848, 14.0681

Square

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



11.0051, 12.5848, 14.9458



12.3880, 12.5848, 16.7153



12.9717, 12.5848, 12.5305



11.5449, 12.5848, 11.0757

Rectangle

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



11.0051, 12.5848, 14.9458



11.6552, 12.5848, 16.8497



12.9717, 12.5848, 12.5305



12.2731, 12.5848, 10.9742

Sweetspot

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



11.0055, 12.5853, 14.9461



21.7707, 23.5256, 26.3705



10.2332, 12.4363, 10.3864



5.2900, 5.7272, 6.4325



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.



11.0055, 12.5853, 14.9461



18.5699, 21.6398, 26.1752



10.0987, 10.7719, 14.6438



2.8925, 3.1630, 3.5900



8.5510, 12.1738, 18.0434



44.4047, 63.1060, 94.0417

Inverse Universe

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



11.3277, 10.2632, 14.2165



19.2478, 16.7872, 24.6333



11.3716, 11.7079, 10.0482



2.9303, 2.8868, 3.5054



9.7988, 4.7325, 14.8709



51.0086, 24.6434, 77.0455

Previews

White Background



This preview shows how the XYZ color 11.0051, 12.5848, 14.9458 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 11.0051, 12.5848, 14.9458 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

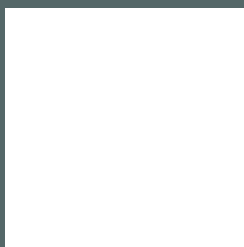
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0051, 12.5848, 14.9458

Background



This preview shows how black text looks on a background with the XYZ color 11.0051, 12.5848, 14.9458.



This preview shows how white text looks on a background with the XYZ color 11.0051, 12.5848,

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

11.0051, 12.5848, 14.9458

Protanopia

12.0663, 12.5726, 14.1027

Deuteranopia

12.6765, 12.4498, 15.0995



Tritanopia

11.3122, 12.5598, 16.5799

Trichromacy



Original Color

11.0051, 12.5848, 14.9458

Protanomaly

11.5715, 12.4533, 14.3642

Deuteranomaly

12.0486, 12.5403, 15.1501

Tritanomaly

11.2045, 12.5167, 16.0128

Monochromacy



Original Color

11.0051, 12.5848, 14.9458

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1757, 12.1191, 13.8068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0051, 12.5848, 14.9458 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, 103, 104) looks like.

```
.text, #text, p{  
    color:rgb(84, 103, 104)  
}
```

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, 103, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 103, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.0051, 12.5848, 14.9458 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, 103, 104) }
```


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

```
.border{ border-color:rgb(84, 103, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 103, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 103, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 103, 104);  
box-shadow:4px 4px 4px 4px rgb(84, 103,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0051, 12.5848, 14.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 103, 104) }
```

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

```
.background{ background-color: rgb(84, 103,  
104) }
```

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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