

Converting Colors

XYZ(11.6056, 14.5418, 15.1272)

Have a look what the booklet for
XYZ(11.6056, 14.5418, 15.1272)
contains.

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Color

**XYZ(11.4952, 14.4092,
15.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7167
RGB	78, 113, 103
RGB Percent	31%, 44%, 40%
CMY	0.6941, 0.5569, 0.5961
CMYK	0.31, 0.00, 0.09, 0.56
HSL	163°, 18%, 37%
HSV	163°, 31%, 44%
XYZ	11.4952, 14.4092, 15.0074
YIQ	101.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

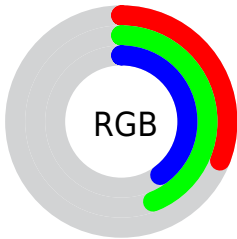
Format	Color
R_{YB}	78, 98, 113
Decimal	5140839
CIE _{Lab}	44.81, -14.86, 1.54
CIE _{LCh}	45, 14.945, 174.080
Yxy	14.4092, 0.2810, 0.3522
Android (android.graphics.Color)	4283330919 (0xFF4E7167)
YUV	101.3950, 0.7913, -20.5174
Hunter-Lab	37.9595, -12.3742, 3.1311

Details

The XYZ color **11.4952, 14.4092, 15.0074** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.2964, 9.6645, 10.5031**, and the grayscale version is **12.4734, 13.1230, 14.2910**.

A 20% lighter version of the original color is **28.1900, 33.8326, 35.6164**, and **3.1692, 4.3574, 4.4154** is the 20% darker color. If you saturate the color by 10%, you get **10.4889, 13.9092, 14.1308**, and if you desaturate by 10%, it is **12.6677, 14.9949, 15.9251**.

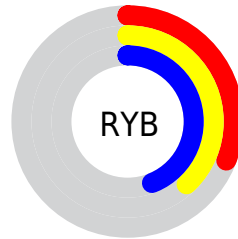
Distribution



Red (31%)

Green (44%)

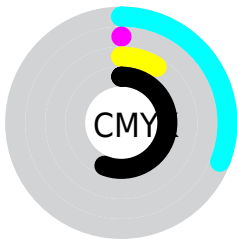
Blue (40%)



Red (31%)

Yellow (38%)

Blue (44%)

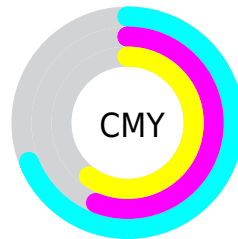


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4952, 14.4092, 15.0074 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 11.4952, 14.4092, 15.0074 by changing the saturation by 10% instead.

■ 11.4952, 14.4092,
15.0074

■ 11.4952, 14.4092,
15.0074

194.8731,
219.7618, 235.0533

■ 6.4707, 8.4058,
8.6779

■ 28.1972, 33.8133,
35.6086

■ 3.1767, 4.3557,
4.4378

■ 40.6054, 47.9829,
50.7175

■ 1.2479, 1.8745,
1.8684

■ 56.2056, 65.6433,
69.5898

■ 0.1437, 0.5330,
0.4725

■ 75.3631, 87.1790,
92.6442

■ 0.0000, 0.0000,
0.0000

■ 98.4432, 112.9742,
120.2993

125.8113,

143.4135, 152.9734

157.8328,
178.8813, 191.0853

■ 11.4952, 14.4092,
15.0074

■ 11.4952, 14.4092,
15.0074

■ 10.4889, 13.9092,
14.1308

■ 12.6677, 14.9949,
15.9251

■ 9.6394, 13.4889,
13.2935

■ 14.0128, 15.6685,
16.8836

■ 8.9381, 13.1443,
12.4951

■ 15.5381, 16.4343,
17.8840

■ 8.3753, 12.8704,
11.7347

■ 17.2503, 17.2956,
18.9268

■ 7.9398, 12.6615,
11.0115

■ 19.1557, 18.2559,
20.0128

■ 7.6187, 12.5108,
10.3245

■ 21.2605, 19.3181,
21.1425

■ 7.3798, 12.4005,
9.7328

■ 23.5704, 20.4853,
22.3166

■ 26.0911, 21.7604,
23.5355

■ 28.8278, 23.1461,
24.8001

Harmonies

Analogous

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



11.8848, 14.4092, 12.0735



11.4952, 14.4092, 15.0074



11.6663, 14.4092, 18.5886

Triad

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



11.4952, 14.4092, 15.0074



14.6737, 14.4092, 22.6455



15.1162, 14.4092, 10.8593

Complementary

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



11.4952, 14.4092, 15.0074



11.2964, 9.6645, 10.5031

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.



15.9473, 14.4092, 13.1081



11.4952, 14.4092, 15.0074



15.6814, 14.4092, 19.9630

Square

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



11.4952, 14.4092, 15.0074



13.4553, 14.4092, 23.3527



16.1601, 14.4092, 16.3913



13.9385, 14.4092, 9.9177

Rectangle

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



11.4952, 14.4092, 15.0074



12.0808, 14.4092, 20.8341



16.1601, 14.4092, 16.3913



15.4481, 14.4092, 11.4697

Sweetspot

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



11.4956, 14.4098, 15.0077



25.5413, 28.2819, 30.5370



11.3527, 14.4601, 9.4007



5.8373, 6.5057, 7.0151



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.



11.4956, 14.4098, 15.0077



19.2893, 25.1580, 25.7638



11.2770, 13.1205, 17.5616



3.4363, 3.7997, 4.1038



8.3622, 14.0624, 10.9943



41.2711, 69.8971, 52.7402

Inverse Universe

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



11.2964, 9.6645, 10.5031



18.8749, 15.2465, 16.3635



11.4342, 10.5582, 8.6433



3.4201, 3.4157, 3.7389



8.0172, 4.0993, 1.9007



39.6083, 20.2887, 7.7357

Previews

White Background



This preview shows how the XYZ color 11.4952, 14.4092, 15.0074 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 11.4952, 14.4092, 15.0074 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 11.4952, 14.4092, 15.0074

Background



This preview shows how black text looks on a background with the XYZ color 11.4952, 14.4092, 15.0074.



This preview shows how white text looks on a background with the XYZ color 11.4952, 14.4092,

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

11.4952, 14.4092, 15.0074

Protanopia

13.6104, 14.2552, 13.8386

Deuteranopia

14.5036, 14.2357, 15.3479



Tritanopia

12.4939, 14.4946, 19.5920

Trichromacy



Original Color

11.4952, 14.4092, 15.0074

Protanomaly

12.6998, 14.2419, 14.1362

Deuteranomaly

13.1322, 14.1323, 15.1324

Tritanomaly

12.1681, 14.5299, 17.7860

Monochromacy



Original Color

11.4952, 14.4092, 15.0074

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.9640, 13.3896, 14.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4952, 14.4092, 15.0074 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(78, 113, 103)` looks like.

```
.text, #text, p{  
    color:rgb(78, 113, 103)  
}
```

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(78, 113, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 113, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.4952, 14.4092, 15.0074 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(78, 113, 103) }
```


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

```
.border{ border-color:rgb(78, 113, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 113, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 113, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 113, 103);  
box-shadow:4px 4px 4px 4px rgb(78, 113,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4952, 14.4092, 15.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 113, 103) }
```

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

```
.background{ background-color: rgb(78, 113,  
103) }
```

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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