

Converting Colors

XYZ(14.4826, 13.4058, 14.6220)

Have a look what the booklet for
XYZ(14.4826, 13.4058, 14.6220)
contains.

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Color

**XYZ(14.5162, 13.4100,
14.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	796067
RGB	121, 96, 103
RGB Percent	47%, 38%, 40%
CMY	0.5255, 0.6235, 0.5961
CMYK	0.00, 0.21, 0.15, 0.53
HSL	343°, 12%, 43%
HSV	343°, 21%, 47%
XYZ	14.5162, 13.4100, 14.6553
YIQ	104.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

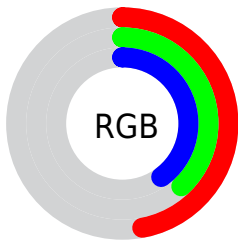
Format	Color
R_{YB}	121, 96, 103
Decimal	7954535
CIE Lab	43.37, 11.34, -0.13
CIE LCh	43, 11.340, 359.362
Yxy	13.4100, 0.3409, 0.3149
Android (android.graphics.Color)	4286144615 (0xFF796067)
YUV	104.2730, -0.6276, 14.6696
Hunter-Lab	36.6197, 6.6738, 1.9057

Details

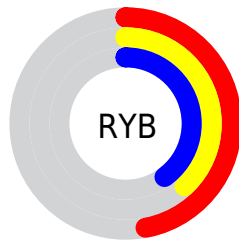
The XYZ color **14.5162, 13.4100, 14.6553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6990, 17.3767, 18.4997**, and the grayscale version is **13.2309, 13.9199, 15.1588**.

A 20% lighter version of the original color is **33.7220, 32.1992, 35.0096**, and **4.5269, 3.9444, 4.2641** is the 20% darker color. If you saturate the color by 10%, you get **13.0813, 11.2039, 12.1307**, and if you desaturate by 10%, it is **16.1674, 15.9754, 17.4772**.

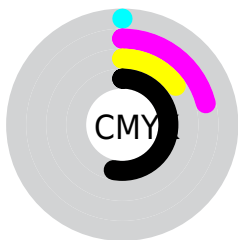
Distribution



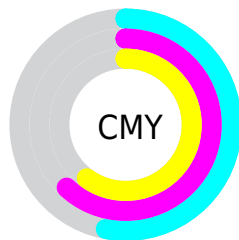
- Red (47%)
- Green (38%)
- Blue (40%)



- Red (47%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5162, 13.4100, 14.6553 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 14.5162, 13.4100, 14.6553 by changing the saturation by 10% instead.

■ 14.5162, 13.4100,
14.6553

■ 14.5162, 13.4100,
14.6553

213.8659,
213.5288, 232.8387

■ 8.5647, 7.7115,
8.4339

■ 33.5809, 32.0384,
34.9810

■ 4.5131, 3.9109,
4.2821

■ 47.4247, 45.7371,
49.9225

■ 1.9963, 1.6238,
1.7813

■ 64.6300, 62.8713,
68.6076

■ 0.6319, 0.3736,
0.4156

■ 85.5621, 83.8254,
91.4551

■ 0.0000, 0.0000,
0.0000

110.5864,
108.9839, 118.8834

140.0682,

138.7310, 151.3111

174.3729,
173.4512, 189.1567

■ 14.5162, 13.4100,
14.6553

■ 14.5162, 13.4100,
14.6553

■ 13.0813, 11.2039,
12.1307

■ 16.1674, 15.9754,
17.4772

■ 11.8525, 9.3394,
9.8926

■ 18.0422, 18.9133,
20.6050

■ 10.8202, 7.7996,
7.9309

■ 20.1494, 22.2386,
24.0479

■ 9.9739, 6.5657,
6.2344

■ 22.4964, 25.9646,
27.8146

■ 9.3019, 5.6172,
4.7913

■ 25.0907, 30.1042,
31.9133

■ 8.7911, 4.9305,
3.5885

■ 27.9392, 34.6695,
36.3521

■ 8.4265, 4.4786,
2.6119

■ 31.0488, 39.6722,
41.1385

■ 8.1721, 4.1797,
1.8798

■ 34.4259, 45.1237,
46.2801

■ 38.0767, 51.0347,
51.7840

Harmonies

Analogous

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



14.2599, 13.4100, 17.2163



14.5162, 13.4100, 14.6553



14.2802, 13.4100, 12.3488

Triad

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



14.5162, 13.4100, 14.6553



11.9329, 13.4100, 10.7673



11.9017, 13.4100, 19.1868

Complementary

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



14.5162, 13.4100, 14.6553



14.6990, 17.3767, 18.4997

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.



11.3254, 13.4100, 17.1121



14.5162, 13.4100, 14.6553



11.3429, 13.4100, 12.2653

Square

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



14.5162, 13.4100, 14.6553



12.7647, 13.4100, 10.2667



11.1255, 13.4100, 14.5473



12.7269, 13.4100, 20.0106

Rectangle

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



14.5162, 13.4100, 14.6553



13.8814, 13.4100, 11.2199



11.1255, 13.4100, 14.5473



11.6739, 13.4100, 18.6016

Sweetspot

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



14.5166, 13.4106, 14.6556



30.4145, 30.8953, 33.7534



14.5631, 13.3187, 19.8924



6.9175, 7.0066, 7.6562



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5166, 13.4106, 14.6556



24.6717, 21.9740, 23.9335



14.6912, 14.2986, 13.0527



4.0402, 4.0318, 4.4092



8.7532, 4.4774, 1.9913



41.4348, 21.2303, 7.8198

Inverse Universe

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



14.5166, 13.4106, 14.6556



24.6717, 21.9740, 23.9335



14.4730, 16.2626, 20.4654



4.0402, 4.0318, 4.4092



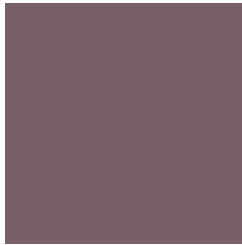
8.7532, 4.4774, 1.9913



41.4348, 21.2303, 7.8198

Previews

White Background



This preview shows how the XYZ color 14.5162, 13.4100, 14.6553 looks on a white background.

Color Contrast Check

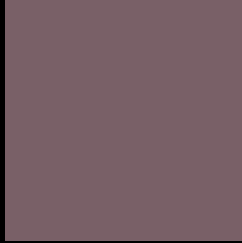
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5162, 13.4100, 14.6553 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 14.5162, 13.4100, 14.6553

Background



This preview shows how black text looks on a background with the XYZ color 14.5162, 13.4100, 14.6553.



This preview shows how white text looks on a background with the XYZ color 14.5162, 13.4100,

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

14.5162, 13.4100, 14.6553

Protanopia

12.9987, 13.4478, 15.8205

Deuteranopia

13.6702, 13.3937, 14.4351



Tritanopia

14.5162, 13.4100, 14.6553

Trichromacy



Original Color

14.5162, 13.4100, 14.6553

Protanomaly

13.5891, 13.4699, 15.5194

Deuteranomaly

13.9684, 13.4077, 14.4221

Tritanomaly

14.5162, 13.4100, 14.6553

Monochromacy



Original Color

14.5162, 13.4100, 14.6553

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5828, 13.6218, 15.0101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5162, 13.4100, 14.6553 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(121, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(121, 96, 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(121, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 96, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.5162, 13.4100, 14.6553 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(121, 96, 103) }
```


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

```
.border{ border-color:rgb(121, 96, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 96, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(121, 96,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5162, 13.4100, 14.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 96, 103) }
```

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

```
.background{ background-color: rgb(121, 96,  
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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