

Converting Colors

XYZ(14.1133, 13.7959, 14.4095)

Have a look what the booklet for
XYZ(14.1133, 13.7959, 14.4095)
contains.

XYZ(14.1579, 13.7867, 14.4853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1579, 13.7867,
14.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	746466
RGB	116, 100, 102
RGB Percent	45%, 39%, 40%
CMY	0.5451, 0.6078, 0.6000
CMYK	0.00, 0.14, 0.12, 0.55
HSL	353°, 7%, 42%
HSV	353°, 14%, 45%
XYZ	14.1579, 13.7867, 14.4853
YIQ	105.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

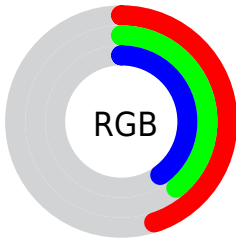
Format	Color
R_{YB}	116, 100, 102
Decimal	7627878
CIE Lab	43.93, 6.75, 1.22
CIE LCh	44, 6.858, 10.259
Yxy	13.7867, 0.3337, 0.3249
Android (android.graphics.Color)	4285817958 (0xFF746466)
YUV	105.0120, -1.4849, 9.6365
Hunter-Lab	37.1304, 3.0841, 2.8611

Details

The XYZ color **14.1579, 13.7867, 14.4853** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5387, 16.4153, 18.3226**, and the grayscale version is **13.4331, 14.1326, 15.3904**.

A 20% lighter version of the original color is **32.9648, 32.7580, 34.7225**, and **4.3466, 4.0510, 4.1673** is the 20% darker color. If you saturate the color by 10%, you get **12.6506, 11.5289, 11.6493**, and if you desaturate by 10%, it is **15.8861, 16.3872, 17.6995**.

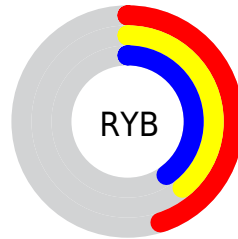
Distribution



Red (45%)

Green (39%)

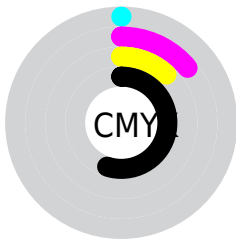
Blue (40%)



Red (45%)

Yellow (39%)

Blue (40%)

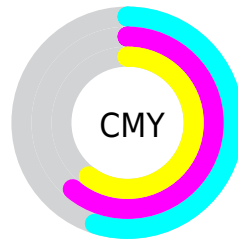


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1579, 13.7867, 14.4853 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 14.1579, 13.7867, 14.4853 by changing the saturation by 10% instead.

■ 14.1579, 13.7867,
14.4853

■ 14.1579, 13.7867,
14.4853

211.7019,
215.8998, 231.7618

■ 8.3130, 7.9725,
8.3164

■ 32.9529, 32.7101,
34.6771

■ 4.3494, 4.0773,
4.2074

■ 46.6336, 46.5880,
49.5371

■ 1.9016, 1.7169,
1.7398

■ 63.6571, 63.9226,
68.1311

■ 0.5778, 0.4346,
0.3878

■ 84.3886, 85.0983,
90.8778

■ 0.0000, 0.0000,
0.0000

109.1935,
110.4995, 118.1957

138.4371,

140.5105, 150.5033

172.4848,
175.5158, 188.2192

■ 14.1579, 13.7867,
14.4853

■ 14.1579, 13.7867,
14.4853

■ 12.6506, 11.5289,
11.6493

■ 15.8861, 16.3872,
17.6995

■ 11.3541, 9.5979,
9.1767

■ 17.8424, 19.3421,
21.3042

■ 10.2594, 7.9790,
7.0530

■ 20.0351, 22.6646,
25.3122

■ 9.3562, 6.6558,
5.2624

■ 22.4718, 26.3666,
29.7356

■ 8.6335, 5.6103,
3.7881

■ 25.1597, 30.4598,
34.5857

■ 8.0789, 4.8228,
2.6113

■ 28.1057, 34.9551,
39.8736

■ 7.6786, 4.2707,
1.7118

■ 31.3165, 39.8630,
45.6100

■ 7.4141, 3.9227,
1.0657

■ 34.7984, 45.1938,
51.8051

■ 7.2851, 3.7461,
0.7720

■ 38.5577, 50.9573,
58.4689

Harmonies

Analogous

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



14.1109, 13.7867, 16.0438



14.1579, 13.7867, 14.4853



13.9166, 13.7867, 13.1614

Triad

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



14.1579, 13.7867, 14.4853



12.4409, 13.7867, 12.8439



12.7545, 13.7867, 18.0041

Complementary

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



14.1579, 13.7867, 14.4853



14.5387, 16.4153, 18.3226

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.



12.3234, 13.7867, 17.0270



14.1579, 13.7867, 14.4853



12.1458, 13.7867, 14.0242

Square

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



14.1579, 13.7867, 14.4853



12.9188, 13.7867, 12.2581



12.1034, 13.7867, 15.5500



13.2906, 13.7867, 18.1489

Rectangle

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



14.1579, 13.7867, 14.4853



13.6284, 13.7867, 12.5628



12.1034, 13.7867, 15.5500



12.5929, 13.7867, 17.7591

Sweetspot

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



14.1583, 13.7873, 14.4856



27.8245, 28.6544, 30.9267



14.6321, 13.9444, 18.4434



6.5893, 6.7626, 7.2879



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1583, 13.7873, 14.4856



23.8790, 22.7223, 23.5726



14.6434, 14.9142, 14.1644



3.7009, 3.7076, 3.9515



8.1711, 4.2021, 0.8431



39.6386, 20.4055, 3.1601

Inverse Universe

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



14.1583, 13.7873, 14.4856



23.8790, 22.7223, 23.5726



13.9988, 15.1514, 18.7098



3.7009, 3.7076, 3.9515



8.1711, 4.2021, 0.8431



39.6386, 20.4055, 3.1601

Previews

White Background



This preview shows how the XYZ color 14.1579, 13.7867, 14.4853 looks on a white background.

Color Contrast Check

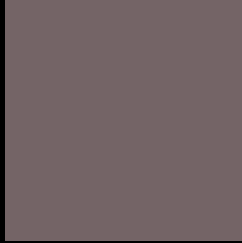
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1579, 13.7867, 14.4853 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

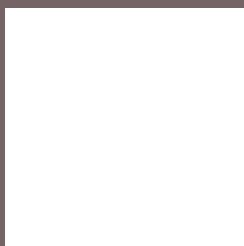
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1579, 13.7867, 14.4853

Background



This preview shows how black text looks on a background with the XYZ color 14.1579, 13.7867, 14.4853.

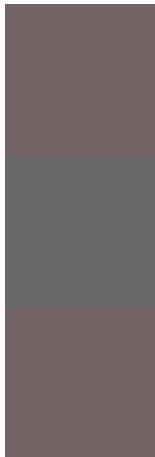


This preview shows how white text looks on a background with the XYZ color 14.1579, 13.7867,

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

14.1579, 13.7867, 14.4853

Protanopia

13.2928, 13.7641, 15.0528

Deuteranopia

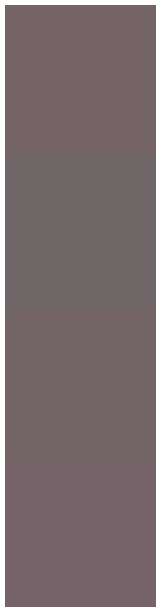
14.1222, 13.9115, 14.5112



Tritanopia

14.4518, 13.7671, 15.8055

Trichromacy



Original Color

14.1579, 13.7867, 14.4853

Protanomaly

13.6300, 13.7970, 14.7767

Deuteranomaly

14.1222, 13.9115, 14.5112

Tritanomaly

14.3478, 13.7255, 15.2577

Monochromacy



Original Color

14.1579, 13.7867, 14.4853

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6556, 13.9512, 15.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1579, 13.7867, 14.4853 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(116, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(116, 100, 102)  
}
```

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(116, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 100, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.1579, 13.7867, 14.4853 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(116, 100, 102) }
```


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

```
.border{ border-color:rgb(116, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(116, 100,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1579, 13.7867, 14.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 100, 102) }
```

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

```
.background{ background-color: rgb(116,  
100, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor