

Converting Colors

XYZ(14.2941, 14.7765, 15.4635)

Have a look what the booklet for
XYZ(14.2941, 14.7765, 15.4635)
contains.

XYZ(14.2594, 14.7075, 15.4519)	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(14.2594, 14.7075,
15.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A69
RGB	111, 106, 105
RGB Percent	44%, 42%, 41%
CMY	0.5647, 0.5843, 0.5882
CMYK	0.00, 0.05, 0.05, 0.56
HSL	10°, 3%, 42%
HSV	10°, 5%, 44%
XYZ	14.2594, 14.7075, 15.4519
YIQ	107.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

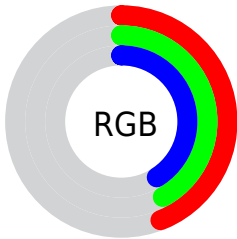
Format	Color
R _Y B	111, 106, 105
Decimal	7301737
CIE Lab	45.23, 1.75, 1.25
CIE LCh	45, 2.153, 35.492
Yxy	14.7075, 0.3210, 0.3311
Android (android.graphics.Color)	4285491817 (0xFF6F6A69)
YUV	107.3810, -1.1738, 3.1739
Hunter-Lab	38.3504, -0.7434, 2.9565

Details

The XYZ color **14.2594, 14.7075, 15.4519** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2709, 15.3026, 17.2407**, and the grayscale version is **14.0838, 14.8173, 16.1360**.

A 20% lighter version of the original color is **33.1620, 34.3008, 36.3254**, and **4.3776, 4.4902, 4.6390** is the 20% darker color. If you saturate the color by 10%, you get **12.8238, 12.6903, 12.3399**, and if you desaturate by 10%, it is **15.8731, 16.9613, 18.9910**.

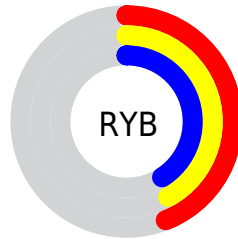
Distribution



Red (44%)

Green (42%)

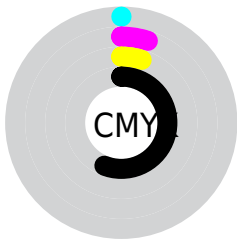
Blue (41%)



Red (44%)

Yellow (42%)

Blue (41%)

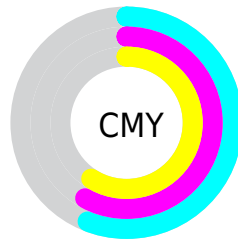


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2594, 14.7075, 15.4519 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 14.2594, 14.7075, 15.4519 by changing the saturation by 10% instead.

■ 14.2594, 14.7075,
15.4519

■ 14.2594, 14.7075,
15.4519

212.3171,
221.5889, 237.8196

■ 8.3842, 8.6144,
8.9870

■ 33.1310, 34.3392,
36.3975

■ 4.3956, 4.4905,
4.6360

■ 46.8582, 48.6466,
51.7152

■ 1.9283, 1.9516,
1.9804

■ 63.9333, 66.4608,
70.8210

■ 0.5932, 0.5791,
0.5432

■ 84.7219, 88.1664,
94.1334

■ 0.0000, 0.0000,
0.0000

109.5892,
114.1475, 122.0710

138.9006,

144.7887, 155.0521

173.0215,
180.4744, 193.4955

■ 14.2594, 14.7075,
15.4519

■ 14.2594, 14.7075,
15.4519

■ 12.8238, 12.6903,
12.3399

■ 15.8731, 16.9613,
18.9910

■ 11.5589, 10.9003,
9.6381

■ 17.6695, 19.4570,
22.9717

■ 10.4587, 9.3298,
7.3294

■ 19.6544, 22.2023,
27.4088

■ 9.5164, 7.9705,
5.3956

■ 21.8333, 25.2039,
32.3161

■ 8.7245, 6.8133,
3.8167

■ 24.2112, 28.4681,
37.7069

■ 8.0751, 5.8483,
2.5710

■ 26.7930, 32.0013,
43.5940

■ 7.5595, 5.0652,
1.6345

■ 29.5835, 35.8093,
49.9897

■ 7.1680, 4.4523,
0.9797

■ 32.5871, 39.8980,
56.9057

■ 6.8857, 3.9950,
0.5546

■ 35.8084, 44.2731,
64.3536

Harmonies

Analogous

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



14.3223, 14.7075, 15.9204



14.2594, 14.7075, 15.4519



14.1214, 14.7075, 15.1390

Triad

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



14.2594, 14.7075, 15.4519



13.6701, 14.7075, 15.6110



14.0118, 14.7075, 17.0090

Complementary

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



14.2594, 14.7075, 15.4519



14.2709, 15.3026, 17.2407

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.



13.8376, 14.7075, 16.9220



14.2594, 14.7075, 15.4519



13.6413, 14.7075, 16.1079

Square

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



14.2594, 14.7075, 15.4519



13.7814, 14.7075, 15.2295



13.7024, 14.7075, 16.5895



14.1786, 14.7075, 16.8249

Rectangle

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



14.2594, 14.7075, 15.4519



14.0059, 14.7075, 15.0571



13.7024, 14.7075, 16.5895



13.9522, 14.7075, 17.0106

Sweetspot

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



14.2598, 14.7081, 15.4522



26.4664, 27.6414, 29.7063



14.4218, 14.6087, 16.8117



6.3694, 6.6560, 7.1608



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.



14.2598, 14.7081, 15.4522



25.3283, 26.0485, 27.2205



14.5742, 15.3370, 15.5570



3.5255, 3.6238, 3.7829



7.9753, 4.4831, 0.4450



39.2848, 21.4449, 2.0687

Inverse Universe

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



14.2709, 15.3026, 17.2407



25.3508, 27.2565, 30.8547



13.9529, 14.6666, 17.1347



3.5287, 3.7959, 4.3009



7.9226, 10.4354, 19.3183



38.9248, 50.9016, 96.0526

Previews

White Background



This preview shows how the XYZ color 14.2594, 14.7075, 15.4519 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 14.2594, 14.7075, 15.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

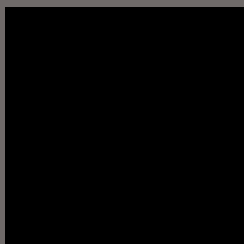
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2594, 14.7075, 15.4519

Background



This preview shows how black text looks on a background with the XYZ color 14.2594, 14.7075, 15.4519.



This preview shows how white text looks on a background with the XYZ color 14.2594, 14.7075,

15.4519.

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

14.2594, 14.7075, 15.4519

Protanopia

14.1142, 14.7865, 15.4748

Deuteranopia

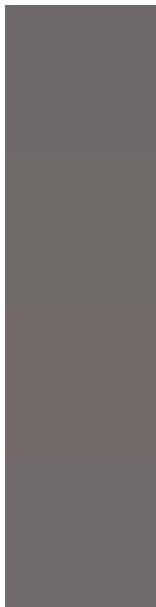
14.9713, 14.7721, 15.4268



Tritanopia

14.7143, 14.7401, 17.6924

Trichromacy



Original Color

14.2594, 14.7075, 15.4519

Protanomaly

14.2379, 14.8503, 15.4806

Deuteranomaly

14.6716, 14.7679, 15.4418

Tritanomaly

14.5481, 14.6737, 16.8174

Monochromacy



Original Color

14.2594, 14.7075, 15.4519

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0436, 14.7441, 15.7414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2594, 14.7075, 15.4519 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(111, 106, 105)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 105)  
}
```

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(111, 106, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.2594, 14.7075, 15.4519 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(111, 106, 105) }
```


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

```
.border{ border-color:rgb(111, 106, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 106, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 106, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 106, 105);  
box-shadow:4px 4px 4px 4px rgb(111, 106,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2594, 14.7075, 15.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 105) }
```

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

```
.background{ background-color: rgb(111,  
106, 105) }
```

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