

Converting Colors

XYZ(14.6985, 14.7000, 8.7667)

Have a look what the booklet for
XYZ(14.6985, 14.7000, 8.7667)
contains.

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Color

**XYZ(14.5777, 14.5685,
8.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	7D674B
RGB	125, 103, 75
RGB Percent	49%, 40%, 29%
CMY	0.5098, 0.5961, 0.7059
CMYK	0.00, 0.18, 0.40, 0.51
HSL	34°, 25%, 39%
HSV	34°, 40%, 49%
XYZ	14.5777, 14.5685, 8.7003
YIQ	106.3860, 22.1000, -4.0440

Conversions

Conversions Part 2

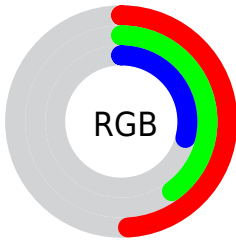
Format	Color
RYB	114, 125, 75
Decimal	8218443
CIELab	45.04, 4.55, 19.09
CIELCh	45, 19.628, 76.599
Yxy	14.5685, 0.3852, 0.3849
Android (android.graphics.Color)	4286408523 (0xFF7D674B)
YUV	106.3860, -15.4733, 16.3245
Hunter-Lab	38.1687, 1.3789, 13.2033

Details

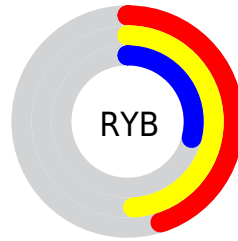
The XYZ color **14.5777, 14.5685, 8.7003** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.8779, 11.5255, 21.0533**, and the grayscale version is **13.8429, 14.5638, 15.8600**.

A 20% lighter version of the original color is **33.7841, 34.1501, 23.8798**, and **4.5502, 4.4179, 1.8412** is the 20% darker color. If you saturate the color by 10%, you get **13.6622, 13.3562, 6.4878**, and if you desaturate by 10%, it is **15.6140, 15.8878, 11.3682**.

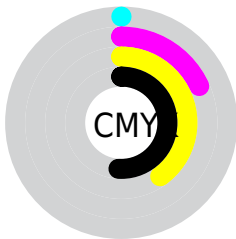
Distribution



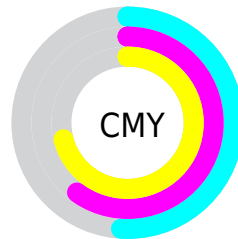
- Red (49%)
- Green (40%)
- Blue (29%)



- Red (45%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5777, 14.5685, 8.7003 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 14.5777, 14.5685, 8.7003 by changing the saturation by 10% instead.

■ 14.5777, 14.5685,
8.7003

■ 14.5777, 14.5685,
8.7003

214.2352,
220.7394, 191.2612

■ 8.6079, 8.5171,
4.4521

■ 33.6884, 34.0944,
23.8887

■ 4.5414, 4.4276,
1.8765

■ 47.5600, 48.3377,
35.6660

■ 2.0127, 1.9155,
0.4777

■ 64.7963, 66.0804,
50.7901

■ 0.6411, 0.5577,
0.0000

■ 85.7626, 87.7070,
69.6795

■ 0.0000, 0.0000,
0.0000

■ 110.8243,
113.6018, 92.7528

140.3467,

144.1492, 120.4285

174.6952,
179.7336, 153.1251

■ 14.5777, 14.5685,
8.7003

■ 14.5777, 14.5685,
8.7003

■ 13.6622, 13.3562,
6.4878

■ 15.6140, 15.8878,
11.3682

■ 12.8608, 12.2454,
4.7035

■ 16.7753, 17.3152,
14.5149

■ 12.1676, 11.2334,
3.3188

■ 18.0667, 18.8543,
18.1629

■ 11.5758, 10.3160,
2.3008

■ 19.4928, 20.5080,
22.3334

■ 11.0775, 9.4890,
1.6118

■ 21.0581, 22.2790,
27.0462

■ 10.6481, 8.7413,
1.1261

■ 22.7665, 24.1700,
32.3199

■ 10.6481, 8.7413,
1.1260

■ 24.6221, 26.1834,
38.1726

■ 26.6287, 28.3217,
44.6211

■ 28.7898, 30.5873,
51.6820

Harmonies

Analogous

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



16.0874, 14.5685, 10.2482



14.5777, 14.5685, 8.7003



12.9803, 14.5685, 8.7865

Triad

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



14.5777, 14.5685, 8.7003



11.0842, 14.5685, 18.5357



16.2229, 14.5685, 22.7761

Complementary

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



14.5777, 14.5685, 8.7003



10.8779, 11.5255, 21.0533

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.



14.7513, 14.5685, 25.9795



14.5777, 14.5685, 8.7003



11.8248, 14.5685, 23.2248

Square

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



14.5777, 14.5685, 8.7003



11.0456, 14.5685, 13.8931



13.1410, 14.5685, 26.1580



17.0858, 14.5685, 18.0099

Rectangle

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



14.5777, 14.5685, 8.7003



12.0801, 14.5685, 9.7506



13.1410, 14.5685, 26.1580



15.7781, 14.5685, 24.1086

Sweetspot

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



14.5781, 14.5692, 8.7006



31.8022, 33.1141, 30.9474



13.1547, 10.2647, 12.7200



7.1802, 7.4687, 6.8867



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.5781, 14.5692, 8.7006



24.5952, 24.0927, 11.9201



16.7007, 19.3494, 9.5114



4.5119, 4.7125, 4.5919



11.1063, 9.1091, 1.1729



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.8779, 11.5255, 21.0533



16.9986, 17.8481, 37.2935



9.3190, 8.1117, 20.4765



4.2524, 4.4988, 5.4575



5.2821, 4.3827, 20.8175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5777, 14.5685, 8.7003 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 14.5777, 14.5685, 8.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

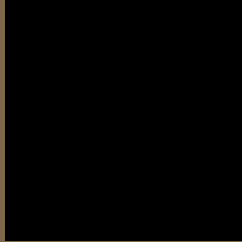
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5777, 14.5685, 8.7003

Background



This preview shows how black text looks on a background with the XYZ color 14.5777, 14.5685, 8.7003.



This preview shows how white text looks on a background with the XYZ color 14.5777, 14.5685,

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

14.5777, 14.5685, 8.7003

Protanopia

13.6675, 14.6960, 9.1374

Deuteranopia

14.7738, 14.5228, 8.6811



Tritanopia

16.0178, 14.5744, 15.8788

Trichromacy



Original Color

14.5777, 14.5685, 8.7003

Protanomaly

14.0663, 14.7518, 8.9435

Deuteranomaly

14.6256, 14.4464, 8.6742

Tritanomaly

15.3751, 14.4526, 12.8057

Monochromacy



Original Color

14.5777, 14.5685, 8.7003

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9272, 14.4401, 12.8796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5777, 14.5685, 8.7003 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(125, 103, 75)` looks like.

```
.text, #text, p{  
    color:rgb(125, 103, 75)  
}
```

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(125, 103, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 103, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.5777, 14.5685, 8.7003 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(125, 103, 75) }
```


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

```
.border{ border-color:rgb(125, 103, 75) }
```

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

Here you see how a box with a 4 pixel rgb(125, 103, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 103, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 103, 75);  
box-shadow:4px 4px 4px 4px rgb(125, 103,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5777, 14.5685, 8.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 103, 75) }
```

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

```
.background{ background-color: rgb(125,  
103, 75) }
```

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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