

Converting Colors

XYZ(13.7172, 14.0765, 8.6962)

Have a look what the booklet for
XYZ(13.7172, 14.0765, 8.6962)
contains.

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Color

**XYZ(13.7280, 14.1304,
8.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	77674B
RGB	119, 103, 75
RGB Percent	47%, 40%, 29%
CMY	0.5333, 0.5961, 0.7059
CMYK	0.00, 0.13, 0.37, 0.53
HSL	38°, 23%, 38%
HSV	38°, 37%, 47%
XYZ	13.7280, 14.1304, 8.6605
YIQ	104.5920, 18.5240, -5.3160

Conversions

Conversions Part 2

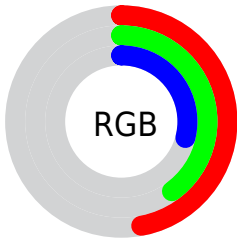
Format	Color
RYB	100, 119, 75
Decimal	7825227
CIELab	44.42, 1.91, 18.16
CIElCh	44, 18.260, 84.000
Yxy	14.1304, 0.3759, 0.3869
Android (android.graphics.Color)	4286015307 (0xFF77674B)
YUV	104.5920, -14.5889, 12.6358
Hunter-Lab	37.5904, -0.5952, 12.6534

Details

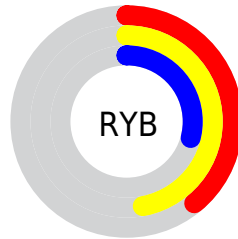
The XYZ color **13.7280, 14.1304, 8.6605** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9725, 10.3097, 18.9172**, and the grayscale version is **13.3519, 14.0473, 15.2975**.

A 20% lighter version of the original color is **32.2069, 33.3371, 23.8060**, and **4.1157, 4.1925, 1.8886** is the 20% darker color. If you saturate the color by 10%, you get **12.9390, 13.1444, 6.5726**, and if you desaturate by 10%, it is **14.6162, 15.1927, 11.1578**.

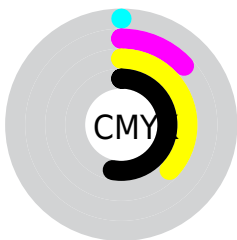
Distribution



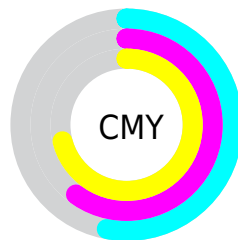
- Red (47%)
- Green (40%)
- Blue (29%)



- Red (39%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7280, 14.1304, 8.6605 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 13.7280, 14.1304, 8.6605 by changing the saturation by 10% instead.

■ 13.7280, 14.1304,
8.6605

■ 13.7280, 14.1304,
8.6605

209.0767,
218.0405, 190.9485

■ 8.0122, 8.2114,
4.4266

■ 32.1959, 33.3202,
23.8107

■ 4.1546, 4.2305,
1.8622

■ 45.6787, 47.3599,
35.5640

■ 1.7900, 1.8033,
0.4685

■ 62.4812, 64.8752,
50.6610

■ 0.5116, 0.4893,
0.0000

■ 82.9688, 86.2505,
69.5201

■ 0.0000, 0.0000,
0.0000

■ 107.5068,
111.8704, 92.5599

136.4605,

142.1190, 120.1988

170.1954,
177.3810, 152.8555

■ 13.7280, 14.1304,
8.6605

■ 13.7280, 14.1304,
8.6605

■ 12.9390, 13.1444,
6.5726

■ 14.6162, 15.1927,
11.1578

■ 12.2436, 12.2305,
4.8707

■ 15.6067, 16.3316,
14.0843

■ 11.6371, 11.3867,
3.5302

■ 16.7040, 17.5499,
17.4598

■ 11.1139, 10.6102,
2.5236

■ 17.9118, 18.8495,
21.3025

■ 10.6676, 9.8979,
1.8191

■ 19.2335, 20.2325,
25.6295

■ 10.2844, 9.2437,
1.3456

■ 20.6727, 21.7005,
30.4571

■ 10.1739, 9.0543,
1.2114

■ 22.2325, 23.2553,
35.8008

■ 23.9160, 24.8988,
41.6755

■ 25.7262, 26.6324,
48.0955

Harmonies

Analogous

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



15.1604, 14.1304, 9.7245



13.7280, 14.1304, 8.6605



12.3140, 14.1304, 9.1148

Triad

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



13.7280, 14.1304, 8.6605



11.0115, 14.1304, 18.9165



15.8481, 14.1304, 20.6480

Complementary

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



13.7280, 14.1304, 8.6605



9.9725, 10.3097, 18.9172

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.



14.6126, 14.1304, 24.0235



13.7280, 14.1304, 8.6605



11.8375, 14.1304, 22.9031

Square

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



13.7280, 14.1304, 8.6605



10.8124, 14.1304, 14.5553



13.1374, 14.1304, 24.9160



16.4405, 14.1304, 16.2469

Rectangle

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



13.7280, 14.1304, 8.6605



11.5622, 14.1304, 10.2687



13.1374, 14.1304, 24.9160



15.4900, 14.1304, 21.9702

Sweetspot

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



13.7284, 14.1311, 8.6608



29.0423, 30.4700, 28.5625



12.0180, 9.7119, 11.1690



6.8332, 7.1661, 6.6165



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.



13.7284, 14.1311, 8.6608



23.4196, 23.8560, 12.4103



14.6942, 17.2213, 9.2064



3.8600, 4.0530, 3.9211



10.7999, 9.6011, 1.2840



51.7937, 45.1160, 5.9784

Inverse Universe

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



9.9725, 10.3097, 18.9172



15.6966, 16.0031, 33.5147



9.2279, 8.1077, 18.5314



3.5996, 3.7878, 4.6316



4.4572, 3.2541, 18.9357



20.9687, 14.3539, 92.0257

Previews

White Background



This preview shows how the XYZ color 13.7280, 14.1304, 8.6605 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 13.7280, 14.1304, 8.6605 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 13.7280, 14.1304, 8.6605

Background



This preview shows how black text looks on a background with the XYZ color 13.7280, 14.1304, 8.6605.



This preview shows how white text looks on a background with the XYZ color 13.7280, 14.1304,

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

13.7280, 14.1304, 8.6605

Protanopia

13.1661, 14.1357, 8.8720

Deuteranopia

14.3811, 14.1753, 8.6348



Tritanopia

15.1417, 14.1228, 15.8378

Trichromacy



Original Color

13.7280, 14.1304, 8.6605

Protanomaly

13.3251, 14.0673, 8.8504

Deuteranomaly

14.1897, 14.2217, 8.6538

Tritanomaly

14.5079, 14.0055, 12.7652

Monochromacy



Original Color

13.7280, 14.1304, 8.6605

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4011, 14.0238, 12.5902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7280, 14.1304, 8.6605 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(119, 103, 75)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 103, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 103, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.7280, 14.1304, 8.6605 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(119, 103, 75) }
```


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

```
.border{ border-color:rgb(119, 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(119, 103, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 103, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 103, 75);  
box-shadow:4px 4px 4px 4px rgb(119, 103,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7280, 14.1304, 8.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 103, 75) }
```

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

```
.background{ background-color: rgb(119,  
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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