

Converting Colors

XYZ(17.2411, 14.1520, 20.7604)

Have a look what the booklet for
XYZ(17.2411, 14.1520, 20.7604)
contains.

XYZ(17.2968, 14.1779, 20.8937)	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(17.2968, 14.1779,
20.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	865C7C
RGB	134, 92, 124
RGB Percent	53%, 36%, 49%
CMY	0.4745, 0.6392, 0.5137
CMYK	0.00, 0.31, 0.07, 0.47
HSL	314°, 19%, 44%
HSV	314°, 31%, 53%
XYZ	17.2968, 14.1779, 20.8937
YIQ	108.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

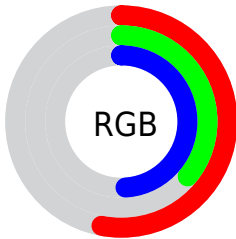
Format	Color
RYB	134, 92, 124
Decimal	8805500
CIELab	44.49, 22.62, -11.07
CIELCh	44, 25.187, 333.926
Yxy	14.1779, 0.3303, 0.2707
Android (android.graphics.Color)	4286995580 (0xFF865C7C)
YUV	108.2060, 7.7864, 22.6213
Hunter-Lab	37.6536, 16.1033, -6.5421

Details

The XYZ color **17.2968, 14.1779, 20.8937** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.3377, 20.2853, 15.6785**, and the grayscale version is **14.2880, 15.0321, 16.3699**.

A 20% lighter version of the original color is **38.4973, 33.5106, 46.0341**, and **5.7757, 4.2238, 7.1675** is the 20% darker color. If you saturate the color by 10%, you get **16.0386, 11.9791, 19.4949**, and if you desaturate by 10%, it is **18.7677, 16.7913, 22.3960**.

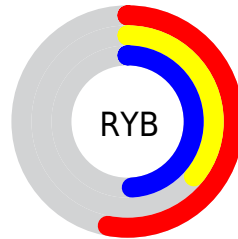
Distribution



Red (53%)

Green (36%)

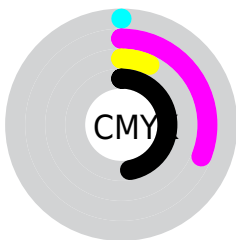
Blue (49%)



Red (53%)

Yellow (36%)

Blue (49%)

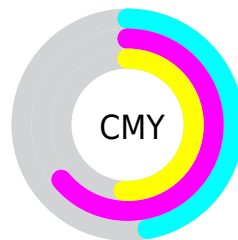


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2968, 14.1779, 20.8937 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 17.2968, 14.1779, 20.8937 by changing the saturation by 10% instead.

■ 17.2968, 14.1779,
20.8937

■ 17.2968, 14.1779,
20.8937

230.0000,
218.3348, 269.4755

■ 10.5429, 8.2445,
12.8558

■ 38.3749, 33.4044,
45.7890

■ 5.8254, 4.2518,
7.1998

■ 53.4299, 47.4662,
63.4836

■ 2.7789, 1.8154,
3.5070

■ 71.9826, 65.0063,
85.2342

■ 1.0379, 0.4967,
1.3590

■ 94.3985, 86.4091,
111.4592

■ 0.0000, 0.0000,
0.1094

121.0428,
112.0589, 142.5773

■ 0.0000, 0.0000,
0.0000

152.2809,

142.3402, 179.0071

188.4782,
177.6374, 221.1669

■ 17.2968, 14.1779,
20.8937

■ 17.2968, 14.1779,
20.8937

■ 16.0386, 11.9791,
19.4949

■ 18.7677, 16.7913,
22.3960

■ 14.9811, 10.1713,
18.1947

■ 20.4601, 19.8373,
24.0045

■ 14.1126, 8.7315,
16.9891

■ 22.3839, 23.3356,
25.7229

■ 13.4201, 7.6335,
15.8735

■ 24.5480, 27.3036,
27.5545

■ 12.8886, 6.8475,
14.8426

■ 26.9608, 31.7581,
29.5024

■ 12.5008, 6.3388,
13.8903

■ 29.6302, 36.7151,
31.5695

■ 12.2345, 6.0296,
13.1134

■ 32.5639, 42.1895,
33.7586

■ 35.7691, 48.1961,
36.0725

■ 39.2530, 54.7487,
38.5138

Harmonies

Analogous

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



15.7750, 14.1779, 26.7020



17.2968, 14.1779, 20.8937



17.7595, 14.1779, 14.6841

Triad

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



17.2968, 14.1779, 20.8937



13.2100, 14.1779, 6.7514



10.4879, 14.1779, 22.5590

Complementary

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



17.2968, 14.1779, 20.8937



15.3377, 20.2853, 15.6785

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.



9.9429, 14.1779, 16.2159



17.2968, 14.1779, 20.8937



11.4114, 14.1779, 7.8922

Square

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



17.2968, 14.1779, 20.8937



15.2661, 14.1779, 7.4126



10.2633, 14.1779, 11.0246



11.8310, 14.1779, 27.8208

Rectangle

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



17.2968, 14.1779, 20.8937



17.3700, 14.1779, 11.3311



10.2633, 14.1779, 11.0246



10.2118, 14.1779, 20.4322

Sweetspot

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



17.2972, 14.1785, 20.8940



36.7397, 36.2037, 42.9252



13.5877, 12.1894, 24.1913



8.1849, 7.9893, 9.5866



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2972, 14.1785, 20.8940



28.7796, 22.0102, 34.9484



16.1175, 13.7066, 14.6815



4.8117, 4.7444, 5.6209



11.4697, 5.6522, 12.3115



0.0426, 0.0207, 0.0575

Inverse Universe

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



17.2972, 14.1785, 20.8940



28.7796, 22.0102, 34.9484



16.5019, 20.7511, 21.8095



4.8117, 4.7444, 5.6209



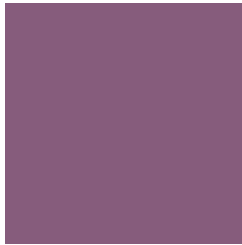
11.4697, 5.6522, 12.3115



0.0426, 0.0207, 0.0575

Previews

White Background



This preview shows how the XYZ color 17.2968, 14.1779, 20.8937 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 17.2968, 14.1779, 20.8937 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 17.2968, 14.1779, 20.8937

Background



This preview shows how black text looks on a background with the XYZ color 17.2968, 14.1779, 20.8937.



This preview shows how white text looks on a background with the XYZ color 17.2968, 14.1779,

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

17.2968, 14.1779, 20.8937

Protanopia

14.3295, 14.2467, 24.1849

Deuteranopia

14.5474, 14.2938, 20.4046



Tritanopia

15.9911, 14.1703, 14.7243

Trichromacy



Original Color

17.2968, 14.1779, 20.8937

Protanomaly

15.2685, 14.1708, 23.0496

Deuteranomaly

15.3731, 14.1356, 20.6571

Tritanomaly

16.4772, 14.2376, 16.9186

Monochromacy



Original Color

17.2968, 14.1779, 20.8937

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1248, 14.4996, 17.9211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2968, 14.1779, 20.8937 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(134, 92, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 124)  
}
```

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(134, 92, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.2968, 14.1779, 20.8937 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(134, 92, 124) }
```


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

```
.border{ border-color:rgb(134, 92, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 92, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2968, 14.1779, 20.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 124) }
```

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

```
.background{ background-color: rgb(134, 92,  
124) }
```

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