

Converting Colors

XYZ(12.0678, 8.5422, 14.0704)

Have a look what the booklet for
XYZ(12.0678, 8.5422, 14.0704)
contains.

XYZ(12.1614, 8.6194, 14.1194)	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(12.1614, 8.6194,
14.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	793F68
RGB	121, 63, 104
RGB Percent	47%, 25%, 41%
CMY	0.5255, 0.7529, 0.5922
CMYK	0.00, 0.48, 0.14, 0.53
HSL	318°, 32%, 36%
HSV	318°, 48%, 47%
XYZ	12.1614, 8.6194, 14.1194
YIQ	85.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

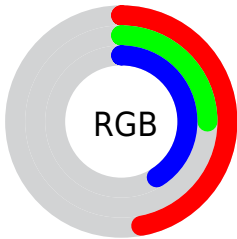
Format	Color
R_{YB}	121, 63, 104
Decimal	7946088
CIE _{Lab}	35.24, 31.09, -12.89
CIE _{LCh}	35, 33.651, 337.486
Y _{xy}	8.6194, 0.3485, 0.2470
Android (android.graphics.Color)	4286136168 (0xFF793F68)
Y _{UV}	85.0160, 9.3591, 31.5580
Hunter-Lab	29.3588, 22.5627, -7.9629

Details

The XYZ color **12.1614, 8.6194, 14.1194** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.3357, 15.3111, 10.0007**, and the grayscale version is **8.6161, 9.0648, 9.8715**.

A 20% lighter version of the original color is **29.5007, 23.2908, 33.9511**, and **3.4351, 1.9391, 4.0641** is the 20% darker color. If you saturate the color by 10%, you get **11.3871, 7.3531, 12.9911**, and if you desaturate by 10%, it is **13.0911, 10.1842, 15.3371**.

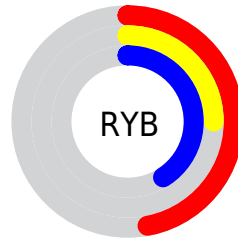
Distribution



Red (47%)

Green (25%)

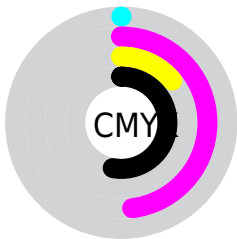
Blue (41%)



Red (47%)

Yellow (25%)

Blue (41%)

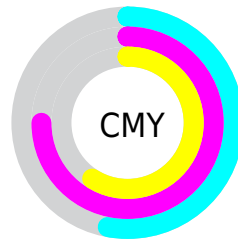


Cyan (0%)

Magenta (48%)

Yellow (14%)

Black (53%)



Cyan (53%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1614, 8.6194, 14.1194 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 12.1614, 8.6194, 14.1194 by changing the saturation by 10% instead.

12.1614, 8.6194,
14.1194

12.1614, 8.6194,
14.1194

199.2191,
180.5127, 229.4266

6.9267, 4.4938,
8.0641

29.4030, 23.1641,
34.0209

3.4622, 1.9534,
4.0476

42.1407, 34.3519,
48.7042

1.4026, 0.5802,
1.6515

58.1100, 48.6626,
67.1004

0.2581, 0.0000,
0.3272

77.6763, 66.4805,
89.6283

0.0000, 0.0000,
0.0000

101.2050, 88.1901,
116.7063

129.0615,

114.1757, 148.7530

161.6110,
144.8218, 186.1869

■ 12.1614, 8.6194,
14.1194

■ 12.1614, 8.6194,
14.1194

■ 11.3871, 7.3531,
12.9911

■ 13.0911, 10.1842,
15.3371

■ 10.7577, 6.3644,
11.9479

■ 14.1844, 12.0641,
16.6471

■ 10.2622, 5.6320,
10.9859

■ 15.4498, 14.2758,
18.0527

■ 9.8881, 5.1305,
10.1003

■ 16.8950, 16.8345,
19.5570

■ 9.6029, 4.7955,
9.2799

■ 18.5273, 19.7547,
21.1628

■ 9.5463, 4.7294,
9.1154

■ 20.3534, 23.0497,
22.8727

■ 22.3798, 26.7323,
24.6894

■ 24.6127, 30.8148,
26.6152

■ 27.0579, 35.3087,
28.6526

Harmonies

Analogous

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



10.6892, 8.6194, 20.7258



12.1614, 8.6194, 14.1194



12.4942, 8.6194, 8.0560

Triad

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



12.1614, 8.6194, 14.1194



7.7142, 8.6194, 2.2623



5.5659, 8.6194, 17.5413

Complementary

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



12.1614, 8.6194, 14.1194



10.3357, 15.3111, 10.0007

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.



5.0124, 8.6194, 10.8528



12.1614, 8.6194, 14.1194



6.1184, 8.6194, 3.1883

Square

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



12.1614, 8.6194, 14.1194



9.7116, 8.6194, 2.5552



5.1973, 8.6194, 5.8485



6.8407, 8.6194, 23.1867

Rectangle

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



12.1614, 8.6194, 14.1194



11.9836, 8.6194, 5.2546



5.1973, 8.6194, 5.8485



5.2993, 8.6194, 15.2558

Sweetspot

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



12.1617, 8.6198, 14.1196



28.5554, 27.1323, 33.2714



8.4897, 6.6168, 18.9192



6.4280, 6.0251, 7.5007



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.



12.1617, 8.6198, 14.1196



20.2037, 12.8675, 22.9702



10.9525, 8.1361, 7.7523



4.1068, 4.0584, 4.7600



10.2251, 5.0662, 9.7420



48.3893, 24.0120, 44.4414

Inverse Universe

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



12.1617, 8.6198, 14.1196



20.2037, 12.8675, 22.9702



11.6175, 15.8239, 16.7510



4.1068, 4.0584, 4.7600



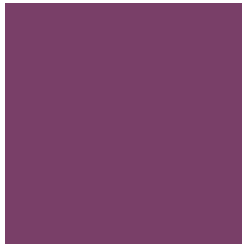
10.2251, 5.0662, 9.7420



48.3893, 24.0120, 44.4414

Previews

White Background



This preview shows how the XYZ color 12.1614, 8.6194, 14.1194 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 ✓ Pass

Black Background



This preview shows how the XYZ color 12.1614, 8.6194, 14.1194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

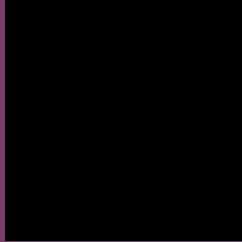
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.1614, 8.6194, 14.1194

Background



This preview shows how black text looks on a background with the XYZ color 12.1614, 8.6194, 14.1194.



This preview shows how white text looks on a background with the XYZ color 12.1614, 8.6194,

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

12.1614, 8.6194, 14.1194

Protanopia

8.9598, 8.7203, 18.3505

Deuteranopia

8.9335, 8.8132, 13.5422



Tritanopia

10.8354, 8.6022, 7.5679

Trichromacy



Original Color

12.1614, 8.6194, 14.1194

Protanomaly

9.7132, 8.3981, 16.7318

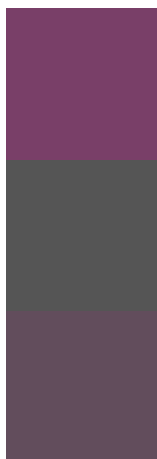
Deuteranomaly

9.8441, 8.5329, 13.6985

Tritanomaly

11.2546, 8.5921, 9.6596

Monochromacy



Original Color

12.1614, 8.6194, 14.1194

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.6226, 8.6771, 11.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1614, 8.6194, 14.1194 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(121, 63, 104)` looks like.

```
.text, #text, p{  
    color:rgb(121, 63, 104)  
}
```

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(121, 63, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 63, 104) }
```

Border

The CSS property to change the border of an element to XYZ 12.1614, 8.6194, 14.1194 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(121, 63, 104) }
```


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

```
.border{ border-color:rgb(121, 63, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 63, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 63, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 63, 104);  
box-shadow:4px 4px 4px 4px rgb(121, 63,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1614, 8.6194, 14.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 63, 104) }
```

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

```
.background{ background-color: rgb(121, 63,  
104) }
```

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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