

Converting Colors

`RYB(120, 108, 114)`

Have a look what the booklet for
RYB(120, 108, 114) contains.

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Color

R_YB(120, 108, 114)

Conversions

Conversions Part 1

Format	Color
Hex	786C72
RGB	120, 108, 114
RGB Percent	47%, 42%, 45%
CMY	0.5294, 0.5765, 0.5529
CMYK	0.00, 0.10, 0.05, 0.53
HSL	330°, 5%, 45%
HSV	330°, 10%, 47%
XYZ	16.1456, 15.9331, 18.1440
YIQ	112.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

Format	Color
RYB	120, 108, 114
Decimal	7892082
CIELab	46.89, 5.85, -1.63
CIELCh	47, 6.073, 344.403
Yxy	15.9331, 0.3215, 0.3172
Android (android.graphics.Color)	4286082162 (0xFF786C72)
YUV	112.2720, 0.8519, 6.7775
Hunter-Lab	39.9163, 2.3471, 0.9910

Details

The RYB color **120, 108, 114** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108, 116, 120**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **172, 159, 166**, and **72, 61, 66** is the 20% darker color. If you saturate the color by 10%, you get **120, 96, 108**, and if you desaturate by 10%, it is **120, 120, 120**.

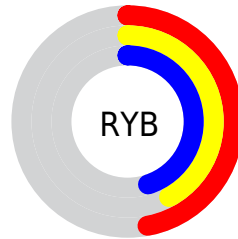
Distribution



Red (47%)

Green (42%)

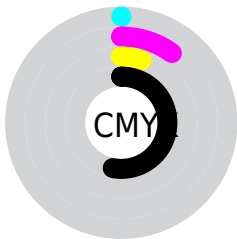
Blue (45%)



Red (47%)

Yellow (42%)

Blue (45%)

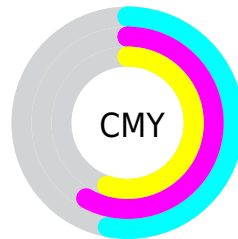


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 108, 114 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 RYB color 120, 108, 114 by changing the saturation by 10% instead.

■ 120, 108, 114

255, 255, 255

■ 172, 159, 166

■ 200, 186, 193

■ 228, 214, 221

■ 255, 242, 249

■ 120, 108, 114

■ 95, 84, 90

■ 72, 61, 66

■ 49, 39, 44

■ 28, 19, 24

■ 0, 0, 0

■ 120, 108, 114

■ 120, 96, 108

■ 120, 84, 102

■ 120, 72, 96

■ 120, 108, 114

■ 120, 120, 120

■ 120, 128, 132

■ 120, 136, 144

120, 60, 90

120, 144, 156

120, 48, 84

120, 152, 168

120, 36, 78

120, 160, 180

120, 24, 72

120, 168, 192

120, 12, 66

120, 176, 204

120, 0, 60

120, 184, 216

Harmonies

Analogous

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



115, 109, 118



120, 108, 114



122, 108, 109

Triad

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



120, 108, 114



102, 113, 101



99, 107, 118

Complementary

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



120, 108, 114



108, 116, 120

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.



99, 107, 114



120, 108, 114



104, 113, 110

Square

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



120, 108, 114



116, 118, 101



102, 110, 114



103, 109, 121

Rectangle

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



120, 108, 114



122, 108, 106



102, 110, 114



99, 107, 117

Sweetspot

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



120, 108, 114



156, 151, 153



114, 108, 120



79, 76, 77



207, 207, 207



79, 79, 79

Same Dimension

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



120, 108, 114



156, 137, 146



120, 108, 108



61, 55, 58



125, 0, 62



252, 0, 126

Inverse Universe

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



120, 108, 114



156, 137, 146



108, 114, 120



61, 55, 58



125, 0, 62



252, 0, 126

Previews

White Background



This preview shows how the RYB color 120, 108, 114 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 RYB color 120, 108, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

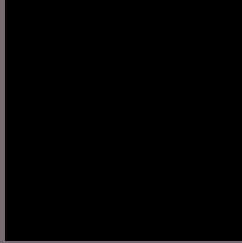
Any Text WCAG AA × Fail

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](#).

R Y B 120, 108, 114 Background



This preview shows how black text looks on a background with the R Y B color 120, 108, 114.



This preview shows how white text looks on a background with the R Y B color 120, 108, 114.

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
120, 108, 114

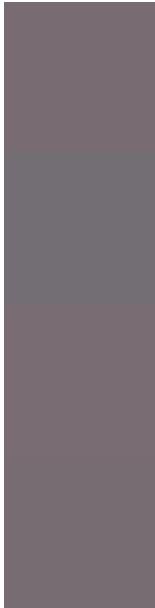
Protanopia
112, 111, 116

Deuteranopia
121, 108, 114



Tritanopia
120, 108, 116

Trichromacy



Original Color

120, 108, 114

Protanomaly

115, 110, 115

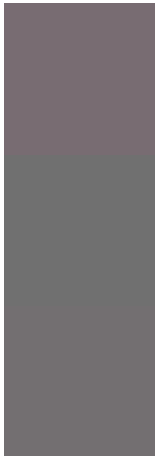
Deuteranomaly

121, 108, 114

Tritanomaly

120, 108, 115

Monochromacy



Original Color

120, 108, 114

Achromatopsia

112, 112, 112

Achromatomaly

115, 111, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 108, 114 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(120, 108, 114) looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 114)  
}
```

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(120, 108, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 114) }
```

Border

The CSS property to change the border of an element to RYB 120, 108, 114 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(120, 108, 114) }
```

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

```
.border{ border-color:rgb(120, 108, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 114);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 120, 108, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 114) }
```

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

```
.background{ background-color: rgb(120,  
108, 114) }
```

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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