

Converting Colors

`RYB(108, 85, 114)`

Have a look what the booklet for
RYB(108, 85, 114) contains.

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Color

R_YB(108, 85, 114)

Conversions

Conversions Part 1

Format	Color
Hex	6C5572
RGB	108, 85, 114
RGB Percent	42%, 33%, 45%
CMY	0.5765, 0.6667, 0.5529
CMYK	0.05, 0.25, 0.00, 0.55
HSL	288°, 15%, 39%
HSV	288°, 25%, 45%
XYZ	12.4701, 10.9000, 17.3663
YIQ	95.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

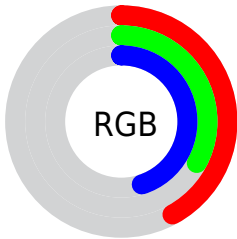
Format	Color
R_{YB}	108, 85, 114
Decimal	7099762
CIE _{Lab}	39.41, 15.22, -12.93
CIE _{LCh}	39, 19.970, 319.668
Yxy	10.9000, 0.3061, 0.2676
Android (android.graphics.Color)	4285289842 (0xFF6C5572)
YUV	95.1830, 9.2768, 11.2405
Hunter-Lab	33.0152, 9.6442, -8.0763




Details

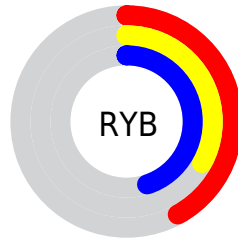
The RYB color **108, 85, 114** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **85, 114, 108**, and the grayscale version is **95, 95, 95**.




A 20% lighter version of the original color is **160, 135, 166**, and **60, 40, 66** is the 20% darker color. If you saturate the color by 10%, you get **106, 74, 114**, and if you desaturate by 10%, it is **110, 96, 114**.

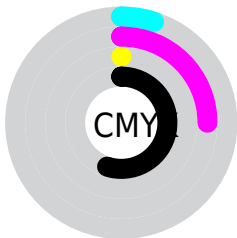
Distribution







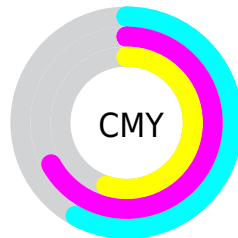
-  Red (42%)
-  Green (33%)
-  Blue (45%)






-  Red (42%)
-  Yellow (33%)
-  Blue (45%)



-  Cyan (5%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (58%)
-  Magenta (67%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 85, 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 108, 85, 114 by changing the saturation by 10% instead.



108, 85, 114



108, 85, 114

255, 255, 255



84, 62, 89



160, 135, 166



60, 40, 66



187, 161, 193



38, 19, 44



215, 188, 221



18, 0, 24



243, 216, 250



0, 0, 0



255, 244, 255



108, 85, 114



108, 85, 114



106, 74, 114



110, 96, 114



103, 62, 114



113, 108, 114

■ 101, 51, 114

■ 114, 119, 118

■ 99, 39, 114

■ 114, 131, 128

■ 96, 28, 114

■ 114, 142, 136

■ 94, 17, 114

■ 114, 153, 145

■ 91, 5, 114

■ 114, 165, 154

■ 90, 0, 114

■ 114, 176, 163

■ 114, 188, 173

Harmonies

Analogous

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



87, 91, 123



108, 85, 114



121, 81, 99

Triad

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



108, 85, 114



92, 109, 61



41, 72, 103

Complementary

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



108, 85, 114



85, 114, 108

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.



56, 83, 101



108, 85, 114



62, 95, 64

Square

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



108, 85, 114



121, 92, 69



71, 99, 95



43, 75, 117

Rectangle

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



108, 85, 114



125, 81, 88



71, 99, 95



45, 75, 102

Sweetspot

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



108, 85, 114



145, 136, 148



85, 90, 114



72, 67, 74



201, 201, 201



74, 74, 74

Same Dimension

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



108, 85, 114



138, 102, 148



114, 85, 106



55, 50, 56



95, 0, 120



196, 0, 247

Inverse Universe

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



114, 85, 91



148, 102, 112



85, 108, 114



56, 50, 52



120, 0, 25



247, 0, 51

Previews

White Background



This preview shows how the RYB color 108, 85, 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 108, 85, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

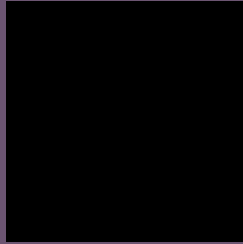
Any Text WCAG AA × Fail

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](#).

RYP 108, 85, 114 Background



This preview shows how black text looks on a background with the RYP color 108, 85, 114.



This preview shows how white text looks on a background with the RYP color 108, 85, 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

108, 85, 114

Protanopia

86, 91, 119

Deuteranopia

92, 91, 113



Tritanopia

105, 88, 95

Trichromacy



Original Color

108, 85, 114

Protanomaly

94, 89, 117

Deuteranomaly

98, 89, 113

Tritanomaly

106, 87, 102

Monochromacy



Original Color

108, 85, 114

Achromatopsia

95, 95, 95

Achromatomaly

100, 91, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 85, 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(108, 85, 114) looks like.

```
.text, #text, p{  
    color:rgb(108, 85, 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(108, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 85, 114) }
```

Border

The CSS property to change the border of an element to RYB 108, 85, 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(108, 85, 114) }
```

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

```
.border{ border-color:rgb(108, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(108, 85,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 108, 85, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 85, 114) }
```

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

```
.background{ background-color: rgb(108, 85,  
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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