

Converting Colors

`RYB(110, 85, 122)`

Have a look what the booklet for
RYB(110, 85, 122) contains.

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Color

R_YB(110, 85, 122)

Conversions

Conversions Part 1

Format	Color
Hex	6E557A
RGB	110, 85, 122
RGB Percent	43%, 33%, 48%
CMY	0.5686, 0.6667, 0.5216
CMYK	0.10, 0.30, 0.00, 0.52
HSL	281°, 18%, 41%
HSV	281°, 30%, 48%
XYZ	13.1918, 11.2171, 19.8822
YIQ	96.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

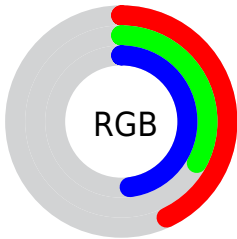
Format	Color
R _Y B	110, 85, 122
Decimal	7230842
CIE Lab	39.94, 17.74, -17.01
CIE LCh	40, 24.577, 316.200
Yxy	11.2171, 0.2978, 0.2533
Android (android.graphics.Color)	4285420922 (0xFF6E557A)
YUV	96.6930, 12.4764, 11.6702
Hunter-Lab	33.4920, 11.6962, -11.7525

Details

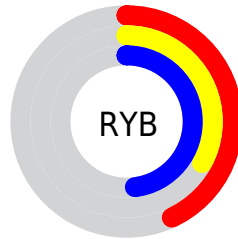
The RYB color **110, 85, 122** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **85, 122, 110**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **162, 135, 175**, and **62, 39, 73** is the 20% darker color. If you saturate the color by 10%, you get **106, 73, 122**, and if you desaturate by 10%, it is **114, 97, 122**.

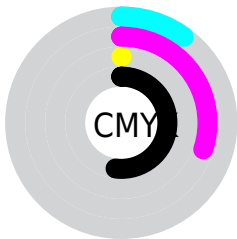
Distribution



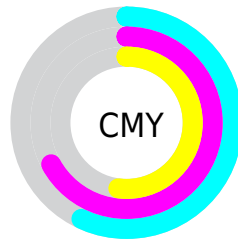
- Red (43%)
- Green (33%)
- Blue (48%)



- Red (43%)
- Yellow (33%)
- Blue (48%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 85, 122 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 110, 85, 122 by changing the saturation by 10% instead.



110, 85, 122



110, 85, 122

255, 255, 255



85, 62, 97



162, 135, 175



62, 39, 73



189, 161, 202



39, 19, 51



217, 188, 230



22, 0, 30



246, 216, 255



0, 0, 0



255, 245, 255



110, 85, 122



110, 85, 122



106, 73, 122



114, 97, 122



102, 61, 122



118, 109, 122

■ 98, 48, 122

■ 122, 122, 122

■ 94, 36, 122

■ 122, 134, 130

■ 90, 24, 122

■ 122, 146, 138

■ 86, 12, 122

■ 122, 158, 146

■ 82, 0, 122

■ 122, 170, 154

■ 122, 183, 163

■ 122, 195, 171

Harmonies

Analogous

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



83, 91, 132



110, 85, 122



127, 80, 104

Triad

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



110, 85, 122



98, 115, 55



19, 62, 105

Complementary

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



110, 85, 122



85, 122, 110

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.



48, 82, 104



110, 85, 122



55, 96, 55

Square

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



110, 85, 122



129, 89, 66



66, 101, 93



13, 62, 122

Rectangle

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



110, 85, 122



133, 78, 91



66, 101, 93



29, 69, 105

Sweetspot

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



110, 85, 122



153, 144, 158



85, 94, 122



76, 70, 79



207, 207, 207



79, 79, 79

Same Dimension

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



110, 85, 122



140, 101, 158



122, 85, 116



59, 55, 61



84, 0, 125



171, 0, 252

Inverse Universe

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



122, 85, 97



158, 101, 120



85, 117, 122



61, 55, 57



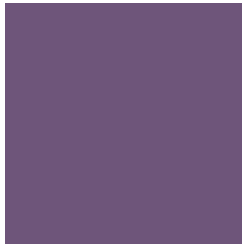
125, 0, 41



252, 0, 82

Previews

White Background



This preview shows how the RYB color 110, 85, 122 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 110, 85, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

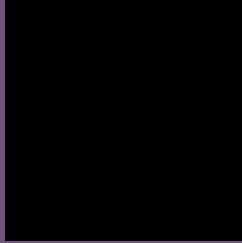
Any Text WCAG AA × Fail

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 110, 85, 122 Background



This preview shows how black text looks on a background with the R Y B color 110, 85, 122.



This preview shows how white text looks on a background with the R Y B color 110, 85, 122.

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
110, 85, 122

Protanopia
84, 91, 128

Deuteranopia
90, 93, 121



Tritanopia
106, 90, 97

Trichromacy



Original Color

110, 85, 122

Protanomaly

93, 90, 126

Deuteranomaly

97, 90, 121

Tritanomaly

107, 88, 106

Monochromacy



Original Color

110, 85, 122

Achromatopsia

97, 97, 97

Achromatomaly

102, 93, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 85, 122 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(110, 85, 122) looks like.

```
.text, #text, p{  
    color:rgb(110, 85, 122)  
}
```

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(110, 85, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 85, 122) }
```

Border

The CSS property to change the border of an element to RYB 110, 85, 122 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(110, 85, 122) }
```

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

```
.border{ border-color:rgb(110, 85, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 85, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 85, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 85, 122); box-shadow:4px 4px 4px 4px rgb(110, 85, 122) }
```

Background

The CSS property to change the background color of an element to RGB 110, 85, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 85, 122) }
```

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

```
.background{ background-color: rgb(110, 85,  
122) }
```

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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