

Converting Colors

`RYB(85, 88, 105)`

Have a look what the booklet for
RYB(85, 88, 105) contains.

RYB(85, 88, 105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(85, 88, 105)

Conversions

Conversions Part 1

Format	Color
Hex	555969
RGB	85, 89, 105
RGB Percent	33%, 35%, 41%
CMY	0.6667, 0.6528, 0.5882
CMYK	0.19, 0.16, 0.00, 0.59
HSL	229°, 11%, 37%
HSV	229°, 19%, 41%
XYZ	9.8295, 10.0179, 14.7802
YIQ	89.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

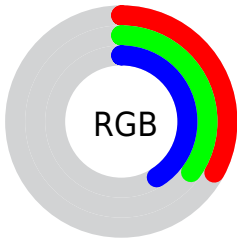
Format	Color
R_{YB}	85, 88, 105
Decimal	5593449
CIE Lab	37.87, 2.48, -9.90
CIE LCh	38, 10.204, 284.039
Yxy	10.0179, 0.2839, 0.2893
Android (android.graphics.Color)	4283783529 (0xFF555969)
YUV	89.6280, 7.5784, -4.0588
Hunter-Lab	31.6511, 0.0450, -5.5311

Details

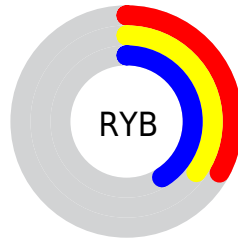
The RYB color **85, 88, 105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90, 105, 85**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **135, 138, 156**, and **40, 43, 58** is the 20% darker color. If you saturate the color by 10%, you get **74, 79, 105**, and if you desaturate by 10%, it is **96, 97, 105**.

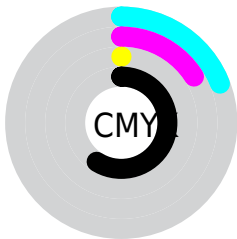
Distribution



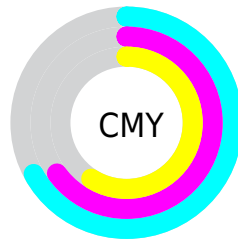
- Red (33%)
- Green (35%)
- Blue (41%)



- Red (33%)
- Yellow (35%)
- Blue (41%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)



- Cyan (67%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 85, 88, 105 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 85, 88, 105 by changing the saturation by 10% instead.



85, 88, 105



85, 88, 105

255, 255, 255



62, 65, 81



135, 138, 156



40, 43, 58



161, 164, 183



19, 22, 36



188, 191, 211



0, 1, 15



216, 219, 239



0, 0, 0



244, 247, 255



85, 88, 105



85, 88, 105



74, 79, 105



96, 97, 105



64, 70, 105



105, 106, 105

■ 53, 61, 105

■ 109, 117, 105

■ 43, 52, 105

■ 110, 127, 105

■ 33, 43, 105

■ 112, 138, 105

■ 22, 35, 105

■ 115, 148, 105

■ 11, 25, 105

■ 116, 158, 105

■ 1, 16, 105

■ 118, 169, 105

■ 0, 16, 105

■ 121, 179, 105

Harmonies

Analogous

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



75, 85, 105



85, 88, 105



95, 86, 101

Triad

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



85, 88, 105



105, 87, 78



73, 87, 94

Complementary

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



85, 88, 105



90, 105, 85

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.



77, 92, 87



85, 88, 105



98, 100, 73

Square

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



85, 88, 105



107, 83, 85



75, 92, 73



68, 81, 94

Rectangle

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



85, 88, 105



101, 84, 97



75, 92, 73



76, 89, 93

Sweetspot

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



85, 88, 105



129, 131, 138



85, 96, 105



64, 65, 69



196, 196, 196



69, 69, 69

Same Dimension

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



85, 88, 105



106, 111, 138



91, 85, 105



48, 49, 54



0, 18, 117



0, 37, 245

Inverse Universe

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



105, 85, 89



138, 106, 112



85, 105, 91



54, 48, 49



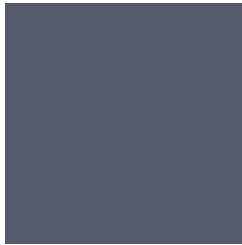
117, 0, 21



245, 0, 43

Previews

White Background



This preview shows how the RYB color 85, 88, 105 looks on a white background.

Color Contrast Check

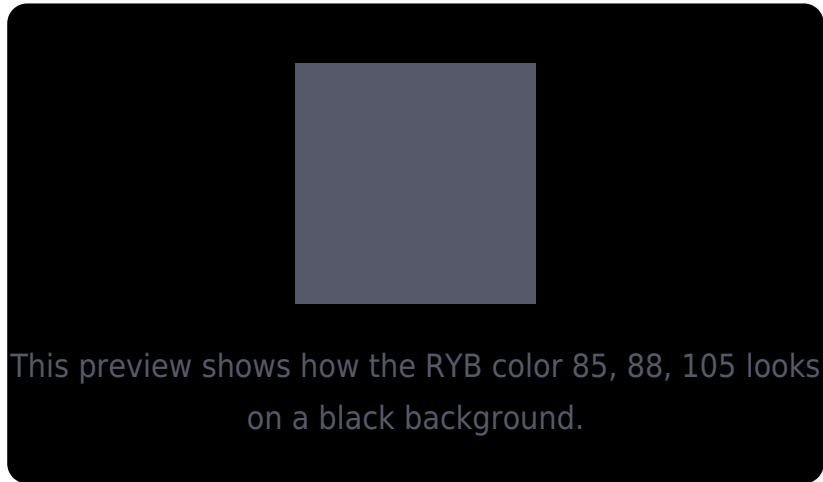
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

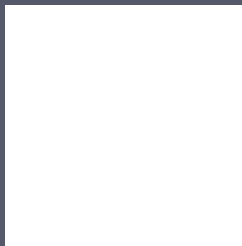
Any Text WCAG AAA × Fail

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

RYB 85, 88, 105 Background



This preview shows how black text looks on a background with the RYB color 85, 88, 105.

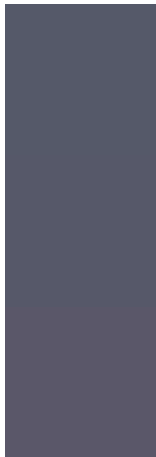


This preview shows how white text looks on a background with the RYB color 85, 88, 105.

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


[85](#), [88](#), [105](#)

Protanopia

[86](#), [88](#), [105](#)

Deuteranopia

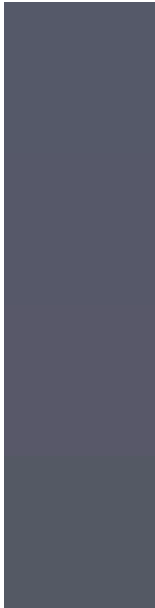
[90](#), [87](#), [105](#)



Tritanopia

84, 88, 97

Trichromacy



Original Color

85, 88, 105

Protanomaly

86, 88, 105

Deuteranomaly

88, 88, 105

Tritanomaly

84, 88, 100

Monochromacy



Original Color

85, 88, 105

Achromatopsia

89, 89, 89

Achromatomaly

88, 89, 95

CSS Examples

Text

The CSS property to change the color of the text to RYB 85, 88, 105 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(85, 89, 105) looks like.

```
.text, #text, p{  
    color:rgb(85, 89, 105)  
}
```

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(85, 89, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 89, 105) }
```

Border

The CSS property to change the border of an element to RYB 85, 88, 105 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(85, 89, 105) }
```

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

```
.border{ border-color:rgb(85, 89, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 89, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 89, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 89, 105);  
box-shadow:4px 4px 4px 4px rgb(85, 89,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 85, 88, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 89, 105) }
```

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

```
.background{ background-color: rgb(85, 89,  
105) }
```

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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