

Converting Colors

`RYB(95, 86, 135)`

Have a look what the booklet for
RYB(95, 86, 135) contains.

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Color

R_YB(95, 86, 135)

Conversions

Conversions Part 1

Format	Color
Hex	5F5687
RGB	95, 86, 135
RGB Percent	37%, 34%, 53%
CMY	0.6275, 0.6627, 0.4706
CMYK	0.30, 0.36, 0.00, 0.47
HSL	251°, 22%, 43%
HSV	251°, 36%, 53%
XYZ	12.4203, 10.8377, 24.3589
YIQ	94.2770, -10.3650, 17.1470

Conversions

Conversions Part 2

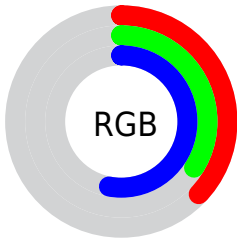
Format	Color
R_{YB}	95, 86, 135
Decimal	6248071
CIE _{Lab}	39.31, 15.34, -26.06
CIE _{LCh}	39, 30.238, 300.486
Yxy	10.8377, 0.2608, 0.2276
Android (android.graphics.Color)	4284438151 (0xFF5F5687)
YUV	94.2770, 20.0764, 0.6341
Hunter-Lab	32.9207, 9.7329, -20.8258

Details

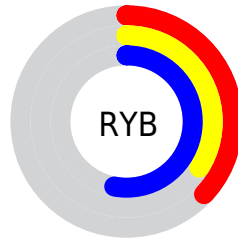
The RYB color **95, 86, 135** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86, 135, 95**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **147, 136, 189**, and **47, 41, 85** is the 20% darker color. If you saturate the color by 10%, you get **84, 73, 135**, and if you desaturate by 10%, it is **106, 100, 135**.

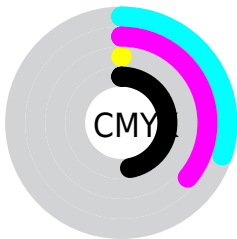
Distribution



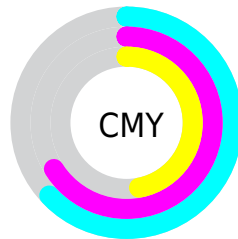
- Red (37%)
- Green (34%)
- Blue (53%)



- Red (37%)
- Yellow (34%)
- Blue (53%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 86, 135 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 95, 86, 135 by changing the saturation by 10% instead.



95, 86, 135



95, 86, 135

255, 255, 255



70, 63, 110



147, 136, 189



47, 41, 85



174, 162, 216



23, 20, 61



201, 189, 245



0, 0, 40



230, 217, 255



0, 1, 17



255, 245, 255



0, 0, 0



95, 86, 135



95, 86, 135



84, 73, 135



106, 100, 135



73, 59, 135



117, 113, 135

■ 62, 46, 135

■ 128, 127, 135

■ 51, 32, 135

■ 135, 140, 136

■ 40, 19, 135

■ 135, 154, 139

■ 29, 5, 135

■ 135, 167, 141

■ 25, 0, 135

■ 135, 181, 144

■ 135, 194, 146

■ 135, 208, 149

Harmonies

Analogous

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



52, 81, 142



95, 86, 135



123, 77, 117

Triad

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



95, 86, 135



127, 108, 50



0, 56, 105

Complementary

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



95, 86, 135



86, 135, 95

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.



51, 91, 103



95, 86, 135



63, 107, 42

Square

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



95, 86, 135



138, 76, 69



49, 98, 65



0, 55, 117

Rectangle

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



95, 86, 135



134, 73, 101



49, 98, 65



20, 68, 105

Sweetspot

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



95, 86, 135



160, 157, 176



86, 108, 135



80, 78, 89



217, 217, 217



89, 89, 89

Same Dimension

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



95, 86, 135



113, 99, 176



119, 86, 135



61, 60, 66



24, 0, 130



0, 0, 3

Inverse Universe

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



135, 86, 126



176, 99, 162



86, 135, 119



66, 60, 65



130, 0, 106



3, 0, 2

Previews

White Background



This preview shows how the RYB color 95, 86, 135 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

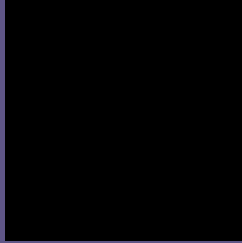
Any Text WCAG AA × Fail

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](#).

R Y B 95, 86, 135 Background



This preview shows how black text looks on a background with the R Y B color 95, 86, 135.

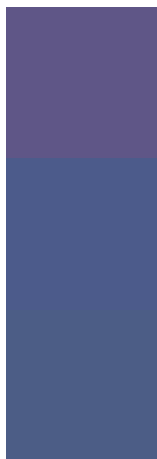


This preview shows how white text looks on a background with the R Y B color 95, 86, 135.

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

95, 86, 135

Protanopia

76, 88, 139

Deuteranopia

76, 89, 134



Tritanopia
88, 92, 100

Trichromacy



Original Color

95, 86, 135

Protanomaly

83, 88, 138

Deuteranomaly

83, 89, 134

Tritanomaly

91, 90, 113

Monochromacy



Original Color

95, 86, 135

Achromatopsia

94, 94, 94

Achromatomaly

94, 91, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 86, 135 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(95, 86, 135) looks like.

```
.text, #text, p{  
    color:rgb(95, 86, 135)  
}
```

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(95, 86, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 86, 135) }
```

Border

The CSS property to change the border of an element to RYB 95, 86, 135 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(95, 86, 135) }
```

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

```
.border{ border-color:rgb(95, 86, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 86, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 86, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 86, 135);  
box-shadow:4px 4px 4px 4px rgb(95, 86,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 95, 86, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 86, 135) }
```

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

```
.background{ background-color: rgb(95, 86,  
135) }
```

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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