

Converting Colors

`RYB(95, 135, 145)`

Have a look what the booklet for
RYB(95, 135, 145) contains.

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Color

R_YB(95, 135, 145)

Conversions

Conversions Part 1

Format	Color
Hex	5F916C
RGB	95, 145, 108
RGB Percent	37%, 57%, 42%
CMY	0.6275, 0.4314, 0.5784
CMYK	0.34, 0.00, 0.26, 0.43
HSL	135°, 21%, 47%
HSV	135°, 34%, 57%
XYZ	17.5249, 23.7558, 17.7099
YIQ	125.8320, -17.9230, -22.1070

Conversions

Conversions Part 2

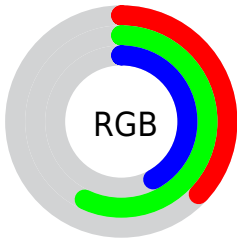
Format	Color
R_{YB}	95, 135, 145
Decimal	6263148
CIE _{Lab}	55.84, -25.08, 14.69
CIE _{LCh}	56, 29.069, 149.638
Y _{xy}	23.7558, 0.2971, 0.4027
Android (android.graphics.Color)	4284453228 (0xFF5F916C)
YUV	125.8320, -8.7912, -27.0397
Hunter-Lab	48.7399, -21.1133, 12.5746

Details

The RYB color **95, 135, 145** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **145, 95, 132**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **147, 189, 199**, and **46, 83, 94** is the 20% darker color. If you saturate the color by 10%, you get **81, 132, 145**, and if you desaturate by 10%, it is **110, 138, 145**.

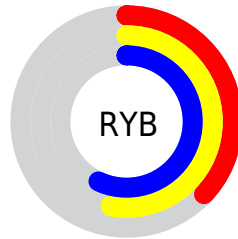
Distribution



Red (37%)

Green (57%)

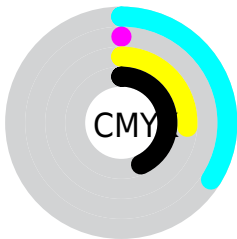
Blue (42%)



Red (37%)

Yellow (53%)

Blue (57%)

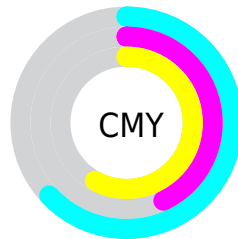


Cyan (34%)

Magenta (0%)

Yellow (26%)

Black (43%)



Cyan (63%)

Magenta (43%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 135, 145 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, 135, 145 by changing the saturation by 10% instead.



95, 135, 145



95, 135, 145

255, 255, 255



70, 109, 119



147, 189, 199



46, 83, 94



174, 217, 227



20, 57, 70



202, 245, 255



0, 35, 47



230, 247, 255



0, 29, 29



0, 0, 0



95, 135, 145



95, 135, 145



81, 132, 145



110, 138, 145



66, 129, 145



124, 141, 145

■ 52, 127, 145

■ 139, 144, 145

■ 37, 123, 145

■ 153, 145, 151

■ 23, 121, 145

■ 168, 145, 162

■ 8, 118, 145

■ 182, 145, 173

■ 0, 116, 145

■ 196, 145, 184

■ 211, 145, 195

■ 226, 145, 205

Harmonies

Analogous

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



89, 140, 104



95, 135, 145



64, 109, 147

Triad

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



95, 135, 145



98, 124, 184



183, 117, 110

Complementary

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



95, 135, 145



145, 95, 132

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.



181, 115, 135



95, 135, 145



136, 127, 178

Square

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



95, 135, 145



58, 108, 177



165, 119, 160



172, 144, 91

Rectangle

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



95, 135, 145



46, 97, 150



165, 119, 160



184, 115, 118

Sweetspot

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



95, 135, 145



170, 185, 189



95, 145, 107



83, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



95, 135, 145



111, 173, 189



95, 123, 145



64, 69, 71



0, 108, 135



0, 6, 8

Inverse Universe

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



145, 95, 133



189, 111, 169



145, 95, 108



71, 64, 70



135, 0, 101



8, 0, 6

Previews

White Background



This preview shows how the RYB color 95, 135, 145 looks on a white 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

Black Background



This preview shows how the RYB color 95, 135, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

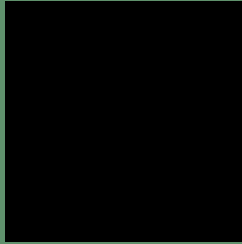
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 95, 135, 145 Background



This preview shows how black text looks on a background with the RYB color 95, 135, 145.



This preview shows how white text looks on a background with the RYB color 95, 135, 145.

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, 135, 145

Protanopia
114, 142, 102

Deuteranopia
154, 139, 111



Tritanopia
104, 124, 151

Trichromacy



Original Color
95, 135, 145

Protanomaly
104, 137, 116

Deuteranomaly
110, 134, 111

Tritanomaly
101, 123, 141

Monochromacy



Original Color
95, 135, 145

Achromatopsia
126, 126, 126

Achromatomaly
115, 130, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 135, 145 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, 145, 108)` looks like.

```
.text, #text, p{  
    color:rgb(95, 145, 108)  
}
```

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, 145, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 108) }
```

Border

The CSS property to change the border of an element to RYB 95, 135, 145 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, 145, 108) }
```

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

```
.border{ border-color:rgb(95, 145, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 145, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 145, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 145, 108);  
box-shadow:4px 4px 4px 4px rgb(95, 145,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 95, 135, 145 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 145, 108) }
```

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

```
.background{ background-color: rgb(95, 145,  
108) }
```

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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