

Converting Colors

`RYB(90, 145, 105)`

Have a look what the booklet for
RYB(90, 145, 105) contains.

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Color

R_YB(90, 145, 105)

Conversions

Conversions Part 1

Format	Color
Hex	82915A
RGB	130, 145, 90
RGB Percent	51%, 57%, 35%
CMY	0.4902, 0.4314, 0.6471
CMYK	0.10, 0.00, 0.38, 0.43
HSL	76°, 23%, 46%
HSV	76°, 38%, 57%
XYZ	21.1768, 25.7348, 13.5240
YIQ	134.2450, 8.7150, -20.2850

Conversions

Conversions Part 2

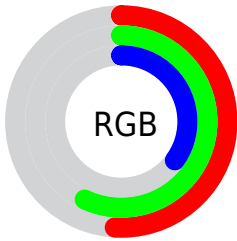
Format	Color
R_{YB}	90, 145, 105
Decimal	8556890
CIE _{Lab}	57.78, -14.92, 27.43
CIE _{LCh}	58, 31.222, 118.545
Yxy	25.7348, 0.3504, 0.4258
Android (android.graphics.Color)	4286746970 (0xFF82915A)
YUV	134.2450, -21.8128, -3.7229
Hunter-Lab	50.7295, -14.2626, 19.7044

Details

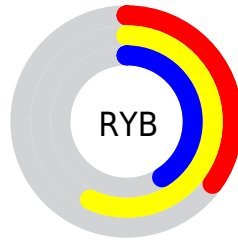
The RYB color **90, 145, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 90, 145**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **141, 199, 156**, and **43, 95, 58** is the 20% darker color. If you saturate the color by 10%, you get **76, 145, 95**, and if you desaturate by 10%, it is **105, 145, 116**.

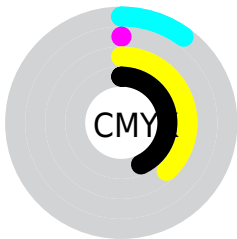
Distribution



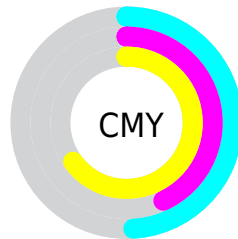
- Red (51%)
- Green (57%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 145, 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 90, 145, 105 by changing the saturation by 10% instead.



90, 145, 105



90, 145, 105

255, 255, 255



66, 119, 81



141, 199, 156



43, 95, 58



167, 227, 182



20, 71, 35



195, 255, 210



0, 48, 14



223, 255, 223



0, 28, 23



252, 255, 252



0, 0, 0



90, 145, 105



90, 145, 105



76, 145, 95



105, 145, 116



61, 145, 84



119, 145, 126

■ 47, 145, 74

■ 134, 145, 137

■ 32, 145, 63

■ 146, 145, 148

■ 18, 145, 53

■ 150, 145, 163

■ 3, 145, 42

■ 154, 145, 177

■ 0, 145, 40

■ 158, 145, 192

■ 162, 145, 206

■ 166, 145, 221

Harmonies

Analogous

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



113, 158, 84



90, 145, 105



98, 142, 151

Triad

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



90, 145, 105



52, 108, 185



189, 118, 141

Complementary

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



90, 145, 105



105, 90, 145

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.



172, 123, 168



90, 145, 105



98, 128, 193

Square

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



90, 145, 105



32, 95, 164



140, 132, 187



192, 121, 114

Rectangle

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



90, 145, 105



74, 121, 153



140, 132, 187



185, 119, 150

Sweetspot

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



90, 145, 105



168, 189, 174



145, 111, 90



82, 94, 85



222, 222, 222



94, 94, 94

Same Dimension

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



90, 145, 105



102, 189, 126



90, 145, 132



64, 71, 66



0, 135, 37



0, 8, 2

Inverse Universe

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



105, 90, 145



126, 102, 189



132, 90, 145



66, 64, 71



37, 0, 135



2, 0, 8

Previews

White Background



This preview shows how the RYB color 90, 145, 105 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 90, 145, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

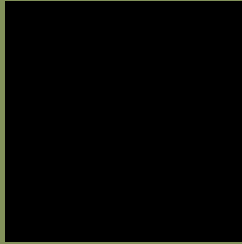
Any Text WCAG AA ✓ Pass

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 90, 145, 105 Background



This preview shows how black text looks on a background with the R Y B color 90, 145, 105.



This preview shows how white text looks on a background with the R Y B color 90, 145, 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

90, 145, 105

Protanopia

102, 151, 87

Deuteranopia

153, 166, 93



Tritanopia

138, 138, 149

Trichromacy



Original Color
90, 145, 105

Protanomaly
90, 143, 88

Deuteranomaly
114, 153, 92

Tritanomaly
128, 141, 134

Monochromacy



Original Color
90, 145, 105

Achromatopsia
134, 134, 134

Achromatomaly
118, 138, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 145, 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(130, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 90)  
}
```

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(130, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 90) }
```

Border

The CSS property to change the border of an element to RYB 90, 145, 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(130, 145, 90) }
```

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

```
.border{ border-color:rgb(130, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
90) }
```

Background

The CSS property to change the background color of an element to RYB 90, 145, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 90) }
```

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

```
.background{ background-color: rgb(130,  
145, 90) }
```

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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