

Converting Colors

`RYB(93, 162, 105)`

Have a look what the booklet for
RYB(93, 162, 105) contains.

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Color

R_YB(93, 162, 105)

Conversions

Conversions Part 1

Format	Color
Hex	96A25D
RGB	150, 162, 93
RGB Percent	59%, 64%, 36%
CMY	0.4118, 0.3647, 0.6353
CMYK	0.07, 0.00, 0.43, 0.36
HSL	70°, 27%, 50%
HSV	70°, 43%, 64%
XYZ	27.4738, 33.1150, 15.2997
YIQ	150.5460, 14.9970, -24.0030

Conversions

Conversions Part 2

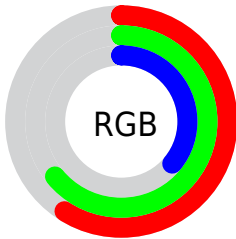
Format	Color
RYB	93, 162, 105
Decimal	9871965
CIELab	64.25, -15.33, 34.39
CIELCh	64, 37.652, 114.020
Yxy	33.1150, 0.3620, 0.4364
Android (android.graphics.Color)	4288062045 (0xFF96A25D)
YUV	150.5460, -28.3702, -0.4788
Hunter-Lab	57.5456, -15.4843, 24.5184

Details

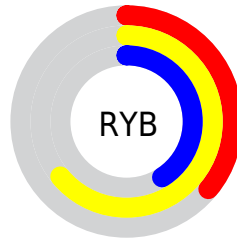
The RYB color **93, 162, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 93, 162**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **144, 217, 156**, and **45, 110, 57** is the 20% darker color. If you saturate the color by 10%, you get **77, 162, 92**, and if you desaturate by 10%, it is **109, 162, 118**.

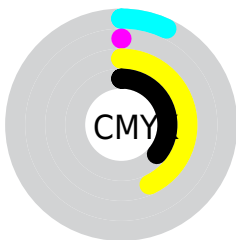
Distribution



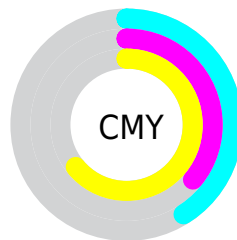
- Red (59%)
- Green (64%)
- Blue (36%)



- Red (36%)
- Yellow (64%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (43%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 162, 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 93, 162, 105 by changing the saturation by 10% instead.



93, 162, 105



93, 162, 105

255, 255, 255



68, 136, 81



144, 217, 156



45, 110, 57



171, 245, 182



21, 86, 34



199, 255, 199



0, 63, 14



227, 255, 227



0, 41, 15



0, 22, 22



0, 0, 0



93, 162, 105



93, 162, 105



77, 162, 92



109, 162, 118

■ 61, 162, 79

■ 125, 162, 131

■ 44, 162, 64

■ 142, 162, 146

■ 28, 162, 51

■ 158, 162, 159

■ 12, 162, 38

■ 164, 162, 174

■ 0, 162, 28

■ 167, 162, 190

■ 170, 162, 206

■ 173, 162, 223

■ 175, 162, 239

Harmonies

Analogous

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



136, 183, 88



93, 162, 105



111, 165, 169

Triad

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



93, 162, 105



3, 95, 209



216, 130, 164

Complementary

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



93, 162, 105



105, 93, 162

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.



192, 137, 196



93, 162, 105



92, 137, 222

Square

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



93, 162, 105



0, 89, 182



149, 150, 217



221, 131, 130

Rectangle

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



93, 162, 105



80, 137, 172



149, 150, 217



210, 131, 175

Sweetspot

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



93, 162, 105



184, 212, 189



162, 108, 93



90, 107, 93



235, 235, 235



107, 107, 107

Same Dimension

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



93, 162, 105



104, 212, 123



93, 162, 139



73, 82, 75



0, 145, 25



0, 18, 3

Inverse Universe

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



105, 93, 162



122, 104, 212



139, 93, 162



75, 73, 82



25, 0, 145



3, 0, 18

Previews

White Background



This preview shows how the RYB color 93, 162, 105 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 93, 162, 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 ✓ Pass

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

R Y B 93, 162, 105 Background



This preview shows how black text looks on a background with the R Y B color 93, 162, 105.

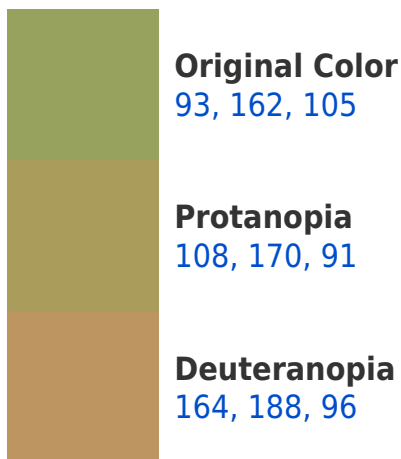


This preview shows how white text looks on a background with the R Y B color 93, 162, 105.

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





Tritanopia
159, 154, 166

Trichromacy



Original Color
93, 162, 105

Protanomaly
97, 163, 92

Deuteranomaly
122, 174, 95

Tritanomaly
139, 157, 140

Monochromacy



Original Color
93, 162, 105

Achromatopsia
151, 151, 151

Achromatomaly
130, 155, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 162, 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(150, 162, 93)` looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 93)  
}
```

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(150, 162, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 93) }
```

Border

The CSS property to change the border of an element to RYB 93, 162, 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(150, 162, 93) }
```

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

```
.border{ border-color:rgb(150, 162, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 93);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 93, 162, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 93) }
```

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

```
.background{ background-color: rgb(150,  
162, 93) }
```

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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