

Converting Colors

R_{YB}(92, 157, 93)

Have a look what the booklet for
RYB(92, 157, 93) contains.

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Color

RYB(92, 157, 93)

Conversions

Conversions Part 1

Format	Color
Hex	9C9D5C
RGB	156, 157, 92
RGB Percent	61%, 62%, 36%
CMY	0.3882, 0.3843, 0.6392
CMYK	0.01, 0.00, 0.41, 0.38
HSL	61°, 26%, 49%
HSV	61°, 41%, 62%
XYZ	27.6990, 31.9546, 14.8332
YIQ	149.2910, 20.2690, -20.4270

Conversions

Conversions Part 2

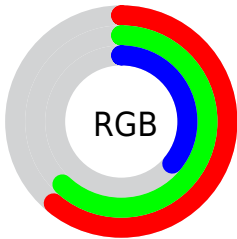
Format	Color
RYB	92, 157, 93
Decimal	10263900
CIELab	63.31, -10.34, 33.82
CIELCh	63, 35.368, 106.994
Yxy	31.9546, 0.3719, 0.4290
Android (android.graphics.Color)	4288453980 (0xFF9C9D5C)
YUV	149.2910, -28.2445, 5.8838
Hunter-Lab	56.5284, -11.4592, 24.0120

Details

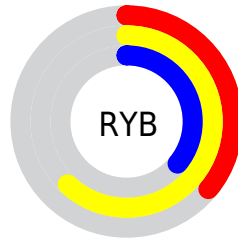
The RYB color **92, 157, 93** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **93, 92, 157**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **144, 212, 143**, and **44, 106, 47** is the 20% darker color. If you saturate the color by 10%, you get **76, 157, 77**, and if you desaturate by 10%, it is **108, 157, 109**.

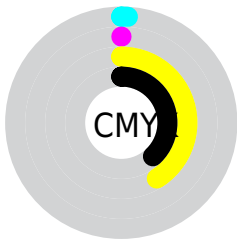
Distribution



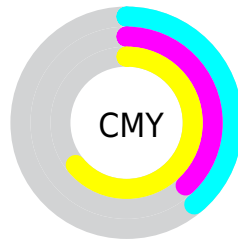
- Red (61%)
- Green (62%)
- Blue (36%)



- Red (36%)
- Yellow (62%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 157, 93 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 92, 157, 93 by changing the saturation by 10% instead.



92, 157, 93



92, 157, 93

255, 255, 255



68, 131, 70



144, 212, 143



44, 106, 47



170, 240, 170



20, 82, 24



198, 255, 198



0, 59, 5



226, 255, 226



0, 37, 6



0, 18, 18



0, 0, 0



92, 157, 93



92, 157, 93



76, 157, 77



108, 157, 109

■ 61, 157, 62

■ 123, 157, 124

■ 45, 157, 47

■ 139, 157, 139

■ 29, 157, 31

■ 155, 157, 155

■ 13, 157, 15

■ 157, 157, 171

■ 0, 157, 2

■ 157, 157, 186

■ 158, 157, 202

■ 158, 157, 218

■ 158, 157, 233

Harmonies

Analogous

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



159, 186, 92



92, 157, 93



109, 165, 154

Triad

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



92, 157, 93



21, 101, 198



206, 130, 168

Complementary

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



92, 157, 93



93, 92, 157

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.



179, 139, 196



92, 157, 93



82, 131, 214

Square

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



92, 157, 93



30, 100, 171



137, 148, 213



215, 129, 136

Rectangle

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



92, 157, 93



94, 145, 168



137, 148, 213



199, 132, 179

Sweetspot

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



92, 157, 93



180, 204, 180



157, 92, 92



88, 102, 88



230, 230, 230



102, 102, 102

Same Dimension

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



92, 157, 93



102, 204, 104



92, 157, 124



71, 79, 71



0, 143, 2



0, 15, 0

Inverse Universe

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



93, 92, 157



104, 102, 204



125, 92, 157



71, 71, 79



2, 0, 143



0, 0, 15

Previews

White Background



This preview shows how the RYB color 92, 157, 93 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 92, 157, 93 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](#).

RYB 92, 157, 93 Background



This preview shows how black text looks on a background with the RYB color 92, 157, 93.



This preview shows how white text looks on a background with the RYB color 92, 157, 93.

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


92, 157, 93

Protanopia

110, 168, 91

Deuteranopia

162, 185, 94



Tritanopia
164, 149, 161

Trichromacy



Original Color
92, 157, 93

Protanomaly
103, 164, 91

Deuteranomaly
127, 174, 93

Tritanomaly
150, 161, 136

Monochromacy



Original Color
92, 157, 93

Achromatopsia
149, 149, 149

Achromatomaly
128, 152, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 157, 93 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(156, 157, 92)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 92)  
}
```

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(156, 157, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 92) }
```

Border

The CSS property to change the border of an element to RYB 92, 157, 93 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(156, 157, 92) }
```

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

```
.border{ border-color:rgb(156, 157, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 157, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 157, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 157, 92);  
box-shadow:4px 4px 4px 4px rgb(156, 157,  
92) }
```

Background

The CSS property to change the background color of an element to RGB 92, 157, 93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 92) }
```

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

```
.background{ background-color: rgb(156,  
157, 92) }
```

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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