

Converting Colors

`RYB(75, 140, 152)`

Have a look what the booklet for
RYB(75, 140, 152) contains.

RYB(75, 140, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(75, 140, 152)

Conversions

Conversions Part 1

Format	Color
Hex	4B9859
RGB	75, 152, 89
RGB Percent	29%, 60%, 35%
CMY	0.7059, 0.4039, 0.6501
CMYK	0.51, 0.00, 0.41, 0.40
HSL	131°, 34%, 45%
HSV	131°, 51%, 60%
XYZ	15.9421, 24.6772, 13.4216
YIQ	121.7950, -25.6690, -35.9170

Conversions

Conversions Part 2

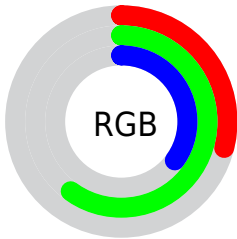
Format	Color
R_{YB}	75, 140, 152
Decimal	4954201
CIE _{Lab}	56.76, -37.87, 25.91
CIE _{LCh}	57, 45.891, 145.622
Yxy	24.6772, 0.2950, 0.4566
Android (android.graphics.Color)	4283144281 (0xFF4B9859)
YUV	121.7950, -16.1679, -41.0392
Hunter-Lab	49.6762, -29.6489, 18.7542

Details

The RYB color **75, 140, 152** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **152, 75, 138**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **129, 197, 207**, and **14, 79, 100** is the 20% darker color. If you saturate the color by 10%, you get **60, 138, 152**, and if you desaturate by 10%, it is **90, 142, 152**.

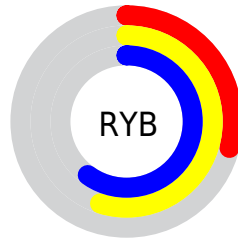
Distribution



Red (29%)

Green (60%)

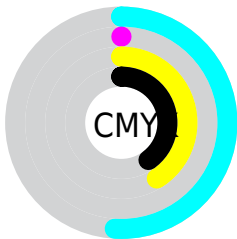
Blue (35%)



Red (29%)

Yellow (55%)

Blue (60%)

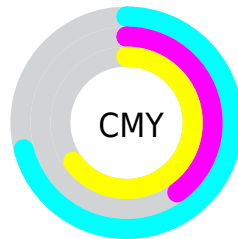


Cyan (51%)

Magenta (0%)

Yellow (41%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 75, 140, 152 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 75, 140, 152 by changing the saturation by 10% instead.



75, 140, 152



75, 140, 152

255, 255, 255



47, 111, 126



129, 197, 207



14, 79, 100



156, 225, 235



0, 60, 76



184, 246, 255



0, 52, 52



213, 248, 255



0, 31, 31



242, 250, 255



0, 0, 0



75, 140, 152



75, 140, 152



60, 138, 152




90, 142, 152





45, 136, 152




105, 144, 152


 29, 133, 152

 121, 148, 152


 14, 130, 152

 136, 149, 152

 0, 128, 152

 151, 152, 152

 166, 152, 164

 181, 152, 176

 197, 152, 188

 212, 152, 201

Harmonies

Analogous

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



60, 144, 79



75, 140, 152



0, 85, 156

Triad

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



75, 140, 152



33, 101, 216



210, 105, 104

Complementary

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



75, 140, 152



152, 75, 138

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.



206, 102, 144



75, 140, 152



129, 128, 208

Square

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



75, 140, 152



0, 87, 201



180, 112, 182



194, 144, 71

Rectangle

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



75, 140, 152



0, 78, 156



180, 112, 182



211, 102, 117

Sweetspot

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



75, 140, 152



167, 192, 196



75, 152, 89



82, 96, 99



227, 227, 227



99, 99, 99

Same Dimension

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



75, 140, 152



77, 177, 196



75, 121, 152



69, 76, 77



0, 118, 140



0, 11, 13

Inverse Universe

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



152, 75, 138



196, 77, 174



152, 75, 99



77, 69, 75



140, 0, 114



13, 0, 10

Previews

White Background



This preview shows how the RYB color 75, 140, 152 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 75, 140, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

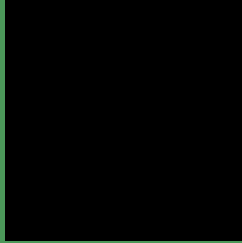
Any Text WCAG AA ✓ Pass

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](#).

RYB 75, 140, 152 Background



This preview shows how black text looks on a background with the RYB color 75, 140, 152.

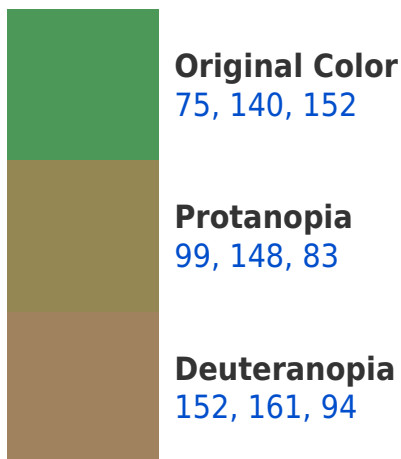


This preview shows how white text looks on a background with the RYB color 75, 140, 152.

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
91, 120, 156

Trichromacy



Original Color

75, 140, 152

Protanomaly

85, 141, 105

Deuteranomaly

92, 138, 100

Tritanomaly

85, 120, 147

Monochromacy



Original Color

75, 140, 152

Achromatopsia

122, 122, 122

Achromatomaly

105, 129, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 75, 140, 152 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(75, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(75, 152, 89)  
}
```

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(75, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 152, 89) }
```

Border

The CSS property to change the border of an element to RYB 75, 140, 152 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(75, 152, 89) }
```

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

```
.border{ border-color:rgb(75, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(75, 152,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 75, 140, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 152, 89) }
```

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

```
.background{ background-color: rgb(75, 152,  
89) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor