

Converting Colors

`RYB(91, 131, 124)`

Have a look what the booklet for
RYB(91, 131, 124) contains.

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Color

`RYB(91, 131, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	62835B
RGB	98, 131, 91
RGB Percent	38%, 51%, 36%
CMY	0.6157, 0.4863, 0.6431
CMYK	0.25, 0.00, 0.31, 0.49
HSL	109°, 18%, 44%
HSV	109°, 31%, 51%
XYZ	15.0416, 19.5846, 12.8850
YIQ	116.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

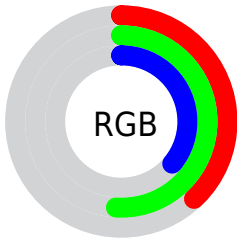
Format	Color
RYB	91, 131, 124
Decimal	6456155
CIELab	51.36, -19.91, 17.95
CIElCh	51, 26.811, 137.959
Yxy	19.5846, 0.3166, 0.4122
Android (android.graphics.Color)	4284646235 (0xFF62835B)
YUV	116.5730, -12.6075, -16.2885
Hunter-Lab	44.2545, -16.7751, 13.7155

Details

The RYB color **91, 131, 124** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124, 91, 131**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **141, 184, 176**, and **45, 81, 76** is the 20% darker color. If you saturate the color by 10%, you get **78, 131, 122**, and if you desaturate by 10%, it is **104, 131, 126**.

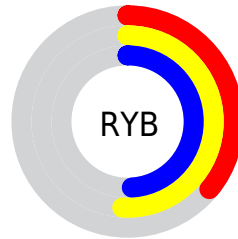
Distribution



Red (38%)

Green (51%)

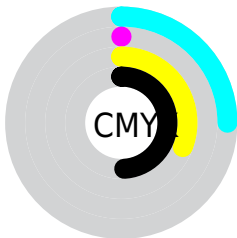
Blue (36%)



Red (36%)

Yellow (51%)

Blue (49%)

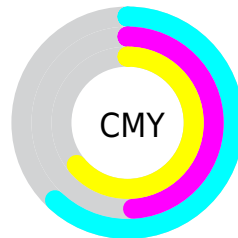


Cyan (25%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 131, 124 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 91, 131, 124 by changing the saturation by 10% instead.



91, 131, 124



91, 131, 124

255, 255, 255



67, 106, 99



141, 184, 176



45, 81, 76



168, 212, 204



23, 58, 54



195, 240, 231



0, 36, 29



223, 255, 246



0, 9, 9



252, 255, 252



0, 0, 0



91, 131, 124



91, 131, 124



78, 131, 122



104, 131, 126



65, 131, 120



117, 131, 128

■ 52, 131, 117

■ 130, 131, 131

■ 39, 131, 115

■ 141, 131, 143

■ 26, 131, 113

■ 152, 131, 157

■ 12, 131, 110

■ 163, 131, 170

■ 0, 131, 108

■ 174, 131, 183

■ 184, 131, 196

■ 195, 131, 209

Harmonies

Analogous

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



78, 125, 79



91, 131, 124



70, 109, 134

Triad

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



91, 131, 124



76, 109, 167



168, 105, 109

Complementary

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



91, 131, 124



124, 91, 131

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.



161, 106, 133



91, 131, 124



112, 119, 166

Square

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



91, 131, 124



45, 94, 156



142, 112, 153



162, 118, 89

Rectangle

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



91, 131, 124



52, 95, 135



142, 112, 153



167, 105, 117

Sweetspot

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



91, 131, 124



155, 171, 168



99, 131, 91



77, 87, 85



214, 214, 214



87, 87, 87

Same Dimension

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



91, 131, 124



108, 171, 160



91, 121, 131



60, 66, 65



0, 130, 107



0, 3, 3

Inverse Universe

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



124, 91, 131



160, 108, 171



131, 91, 118



65, 60, 66



107, 0, 130



2, 0, 3

Previews

White Background



This preview shows how the RYB color 91, 131, 124 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 91, 131, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

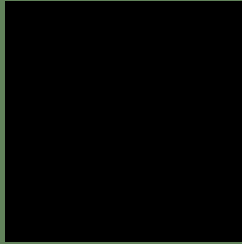
Any Text WCAG AA ✓ Pass

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 91, 131, 124 Background



This preview shows how black text looks on a background with the RYB color 91, 131, 124.



This preview shows how white text looks on a background with the RYB color 91, 131, 124.

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

91, 131, 124

Protanopia

98, 131, 87

Deuteranopia

143, 137, 94



Tritanopia
105, 117, 135

Trichromacy



Original Color
91, 131, 124

Protanomaly
88, 125, 94

Deuteranomaly
99, 127, 93

Tritanomaly
102, 117, 127

Monochromacy



Original Color
91, 131, 124

Achromatopsia
117, 117, 117

Achromatomaly
108, 122, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 131, 124 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(98, 131, 91) looks like.

```
.text, #text, p{  
    color:rgb(98, 131, 91)  
}
```

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(98, 131, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 131, 91) }
```

Border

The CSS property to change the border of an element to RYB 91, 131, 124 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(98, 131, 91) }
```

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

```
.border{ border-color:rgb(98, 131, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 131, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 131, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 131, 91);  
box-shadow:4px 4px 4px 4px rgb(98, 131,  
91) }
```

Background

The CSS property to change the background color of an element to RYB 91, 131, 124 is called "background".

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

```
.background, #background, body{  
background: rgb(98, 131, 91) }
```

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

```
.background{ background-color: rgb(98, 131,  
91) }
```

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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