Converting Colors

RYB(164, 191, 185)

Have a look what the booklet for RYB(164, 191, 185) contains.

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Color

RYB(164, 191, 185)

Conversions

Conversions Part 1

Format	Color
Hex	AABFA4
RGB	170, 191, 164
RGB Percent	67%, 75%, 64%
CMY	0.3333, 0.2510, 0.3569
CMYK	0.11, 0.00, 0.14, 0.25
HSL	107°, 17%, 70%
HSV	107°, 14%, 75%
XYZ	41.9092, 48.4880, 42.2722
YIQ	181.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

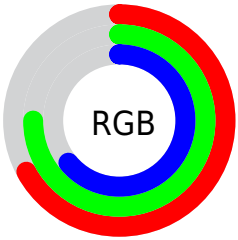
Format	Color
RYB	164, 191, 185
Decimal	11190180
CIELab	75.13, -12.25, 11.22
CIELCh	75, 16.609, 137.499
Yxy	48.4880, 0.3159, 0.3655
Android (android.graphics.Color)	4289380260 (0xFFAABFA4)
YUV	181.6430, -8.6980, -10.2109
Hunter-Lab	69.6333, -14.4271, 12.7502

Details

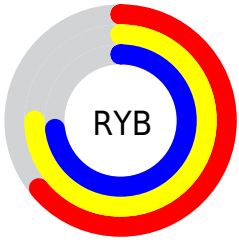
The RYB color 164, 191, 185 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 185, 164, 191, and the grayscale version is 182, 182, 182.

A 20% lighter version of the original color is 219, 247, 241, and 112, 138, 132 is the 20% darker color. If you saturate the color by 10%, you get 145, 191, 181, and if you desaturate by 10%, it is 183, 191, 189.

Distribution

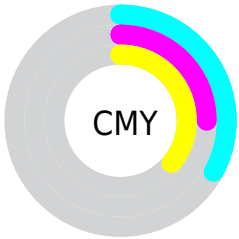


- Red (67%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (73%)

- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 191, 185 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 164, 191, 185 by changing the saturation by 10% instead.

164, 191, 185	164, 191, 185
255, 255, 255	138, 164, 159
219, 247, 241	112, 138, 132
247, 255, 248	88, 112, 107
	64, 88, 83
	42, 64, 60
	22, 42, 39
	0, 23, 23
	0, 0, 0

164, 191, 185	164, 191, 185

145, 191, 181

126, 191, 177

107, 191, 173

88, 191, 168

69, 191, 164

49, 191, 159

30, 191, 155

11, 191, 151

0, 191, 149

183, 191, 189

200, 191, 202

215, 191, 221

229, 191, 240

244, 191, 255

255, 191, 255

Harmonies

Analogous

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

157, 188, 156

164, 191, 185

154, 179, 194

Triad

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

164, 191, 185

161, 179, 214

217, 175, 176

Complementary

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

164, 191, 185

185, 164, 191

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.

212, 175, 192

164, 191, 185

180, 183, 214

Square

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

164, 191, 185

148, 173, 207

199, 178, 206

214, 182, 163

Rectangle

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

164, 191, 185

147, 172, 194

199, 178, 206

217, 174, 182

Sweetspot

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

164, 191, 185

237, 247, 244

172, 191, 164

119, 125, 124

252, 252, 252

125, 125, 125

Same Dimension

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

164, 191, 185

205, 247, 237

164, 185, 191

85, 94, 92

0, 158, 123

0, 31, 24

Inverse Universe

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

185, 164, 191

238, 205, 247

191, 164, 184

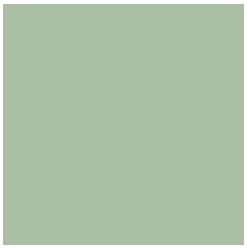
92, 85, 94

123, 0, 158

24, 0, 31

Previews

White Background

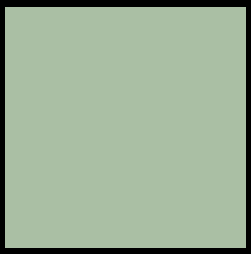


This preview shows how the RYB color 164, 191, 185 looks on a white background.

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



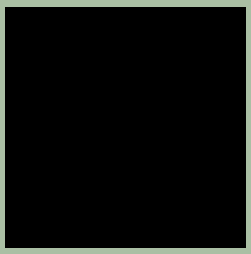
This preview shows how the RYB color 164, 191, 185 looks on a black background.

Color Contrast Check

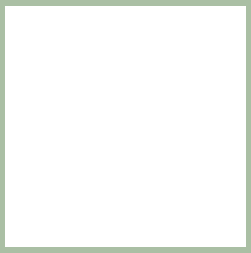
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 164, 191, 185 Background



This preview shows how black text looks on a background with the RYB color 164, 191, 185.



This preview shows how white text looks on a background with the RYB color 164, 191, 185.

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

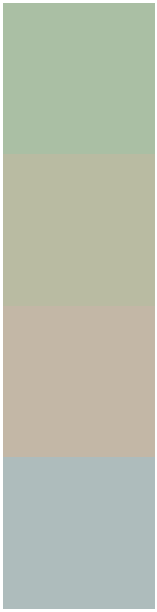
Original Color
164, 191, 185

Protanopia
175, 194, 161

Deuteranopia
209, 182, 167

Tritanopia
176, 183, 201

Trichromacy



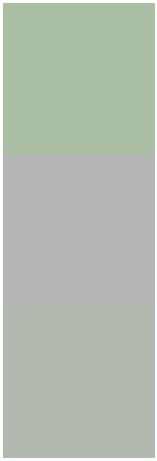
Original Color
164, 191, 185

Protanomaly
162, 187, 164

Deuteranomaly
186, 195, 166

Tritanomaly
174, 181, 188

Monochromacy



Original Color
164, 191, 185

Achromatopsia
182, 182, 182

Achromatomaly
175, 185, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 191, 185 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(170, 191, 164) looks like.

```
.text, #text, p{
    color:rgb(170, 191, 164)
}
```

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(170, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 191, 185 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(170, 191, 164) }
```

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

```
.border{ border-color:rgb(170, 191, 164) }
```

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

Here you see how a box with a 4 pixel rgb(170, 191, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 191, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 191, 164); box-shadow:4px 4px 4px 4px rgb(170, 191, 164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 191, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 191, 164) }
```

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

```
.background{ background-color:rgb(170,
191, 164) }
```

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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