

Converting Colors

`RYB(170, 190, 175)`

Have a look what the booklet for
RYB(170, 190, 175) contains.

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Color

R_YB(170, 190, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEAA
RGB	185, 190, 170
RGB Percent	73%, 75%, 67%
CMY	0.2745, 0.2549, 0.3333
CMYK	0.03, 0.00, 0.11, 0.25
HSL	75°, 13%, 71%
HSV	75°, 11%, 75%
XYZ	45.6767, 50.0435, 45.2821
YIQ	186.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

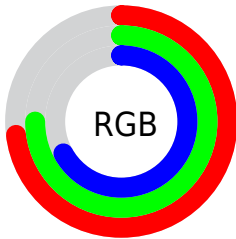
Format	Color
RYB	170, 190, 175
Decimal	12172970
CIELab	76.10, -5.32, 9.50
CIELCh	76, 10.890, 119.265
Yxy	50.0435, 0.3239, 0.3549
Android (android.graphics.Color)	4290363050 (0xFFB9BEAA)
YUV	186.2250, -7.9989, -1.0743
Hunter-Lab	70.7414, -8.5425, 11.5670

Details

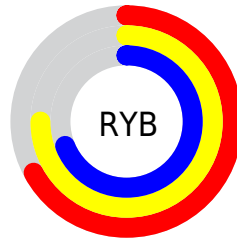
The RYB color **170, 190, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 170, 190**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **225, 246, 230**, and **118, 137, 123** is the 20% darker color. If you saturate the color by 10%, you get **151, 190, 161**, and if you desaturate by 10%, it is **189, 190, 189**.

Distribution



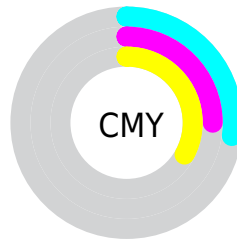
- Red (73%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)




- Cyan (27%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 190, 175 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 170, 190, 175 by changing the saturation by 10% instead.

 170, 190, 175

255, 255, 255


 225, 246, 230

254, 255, 254

 170, 190, 175

 144, 163, 149

 118, 137, 123

 93, 111, 97


 70, 87, 75


 47, 64, 52


 26, 42, 31

 0, 21, 3

 0, 0, 0

 170, 190, 175


 170, 190, 175

 151, 190, 161


 189, 190, 189

 132, 190, 147


 195, 190, 208

 113, 190, 132

 199, 190, 227

 94, 190, 118


 204, 190, 246

 75, 190, 104

 209, 190, 255

 56, 190, 90


 214, 190, 255

 37, 190, 75

 218, 190, 255

 18, 190, 61

 223, 190, 255

 0, 190, 48

 228, 190, 255

Harmonies

Analogous

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



181, 196, 168



170, 190, 175



174, 189, 192

Triad

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



170, 190, 175



167, 182, 205



208, 181, 188

Complementary

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



170, 190, 175



175, 170, 190

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.



201, 182, 198



170, 190, 175



177, 186, 207

Square

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



170, 190, 175



163, 179, 197



189, 185, 205



209, 181, 178

Rectangle

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



170, 190, 175



168, 183, 193



189, 185, 205



206, 181, 192

Sweetspot

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



170, 190, 175



240, 247, 242



190, 177, 170



120, 125, 121



252, 252, 252



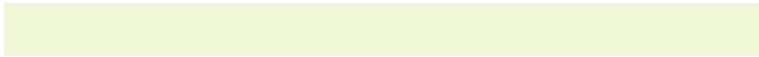
125, 125, 125

Same Dimension

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



170, 190, 175



215, 247, 223



170, 190, 185



85, 94, 87



0, 158, 39



0, 31, 8

Inverse Universe

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



175, 170, 190



223, 215, 247



185, 170, 190



87, 85, 94



40, 0, 158



8, 0, 31

Previews

White Background



This preview shows how the RYB color 170, 190, 175 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 170, 190, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

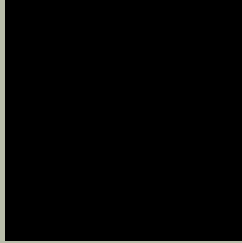
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

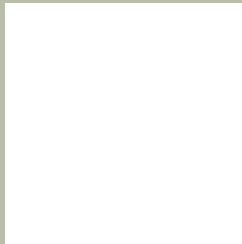
Any Text WCAG AAA ✓ Pass

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

RYB 170, 190, 175 Background



This preview shows how black text looks on a background with the RYB color 170, 190, 175.



This preview shows how white text looks on a background with the RYB color 170, 190, 175.

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
170, 190, 175

Protanopia
179, 195, 168

Deuteranopia
211, 184, 172



Tritanopia
189, 186, 200

Trichromacy



Original Color

170, 190, 175

Protanomaly

172, 191, 169

Deuteranomaly

202, 193, 171

Tritanomaly

188, 187, 189

Monochromacy



Original Color

170, 190, 175

Achromatopsia

186, 186, 186

Achromatomaly

180, 187, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 190, 175 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(185, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 170)  
}
```

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(185, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 170) }
```

Border

The CSS property to change the border of an element to RYB 170, 190, 175 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(185, 190, 170) }
```

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

```
.border{ border-color:rgb(185, 190, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 170); box-shadow:4px 4px 4px 4px rgb(185, 190, 170) }
```

Background

The CSS property to change the background color of an element to RYB 170, 190, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 170) }
```

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

```
.background{ background-color: rgb(185,  
190, 170) }
```

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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