

Converting Colors

`RYB(190, 175, 175)`

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

RYB(190, 175, 175)	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(190, 175, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BEAFAF
RGB	190, 175, 175
RGB Percent	75%, 69%, 69%
CMY	0.2549, 0.3137, 0.3137
CMYK	0.00, 0.08, 0.08, 0.25
HSL	0°, 10%, 72%
HSV	0°, 8%, 75%
XYZ	44.3030, 44.7022, 46.8508
YIQ	179.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

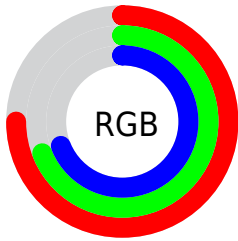
Format	Color
R _Y B	190, 175, 175
Decimal	12496815
CIE Lab	72.70, 5.37, 1.93
CIE LCh	73, 5.705, 19.803
Yxy	44.7022, 0.3261, 0.3290
Android (android.graphics.Color)	4290686895 (0xFFBEAFAF)
YUV	179.4850, -2.2111, 9.2217
Hunter-Lab	66.8597, 1.2743, 5.2554

Details

The RYB color **190, 175, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 183, 190**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **246, 231, 230**, and **137, 123, 123** is the 20% darker color. If you saturate the color by 10%, you get **190, 156, 156**, and if you desaturate by 10%, it is **190, 192, 194**.

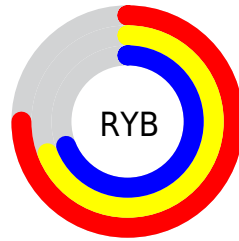
Distribution



Red (75%)

Green (69%)

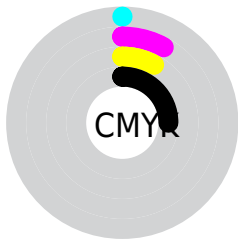
Blue (69%)



Red (75%)

Yellow (69%)

Blue (69%)

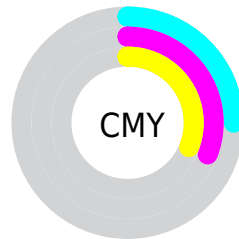


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

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

 190, 175, 175


 190, 175, 175

255, 255, 255

 163, 148, 148


 246, 231, 230

 137, 123, 123

 111, 98, 98

 87, 74, 74

 63, 51, 51

 41, 30, 30


 22, 5, 5


 0, 0, 0

 190, 175, 175


 190, 175, 175

 190, 156, 156

 190, 192, 194


 190, 137, 137

 190, 202, 213

 190, 118, 118

 190, 211, 232

 190, 99, 99

 190, 221, 251

 190, 80, 80

 190, 223, 255

 190, 61, 61

 190, 42, 42

 190, 23, 23

 190, 4, 4

Harmonies

Analogous

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



188, 175, 180



190, 175, 175



189, 178, 171

Triad

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



190, 175, 175



171, 181, 179



171, 176, 188

Complementary

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



190, 175, 175



175, 183, 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.



167, 175, 186



190, 175, 175



168, 176, 181

Square

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



190, 175, 175



169, 179, 169



166, 174, 182



177, 178, 188

Rectangle

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



190, 175, 175



186, 184, 169



166, 174, 182



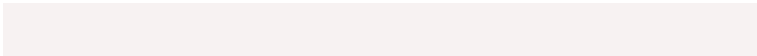
170, 176, 188

Sweetspot

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



190, 175, 175



247, 242, 242



190, 175, 190



125, 122, 122



252, 252, 252



125, 125, 125

Same Dimension

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



190, 175, 175



247, 225, 225



188, 190, 175



94, 85, 85



158, 0, 0



31, 0, 0

Inverse Universe

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



175, 183, 190



225, 236, 247



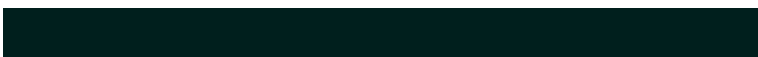
175, 180, 190



85, 90, 94



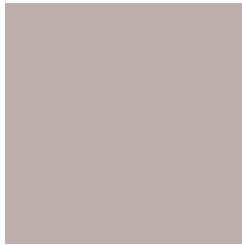
0, 79, 158



0, 16, 31

Previews

White Background



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

Color Contrast Check

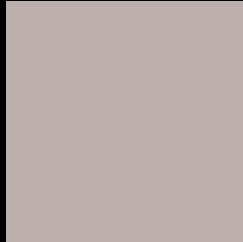
Large Text (above 18pt) WCAG AA × Fail

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 190, 175, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

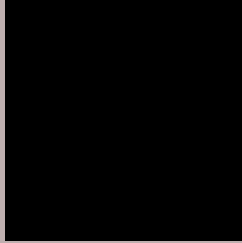
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

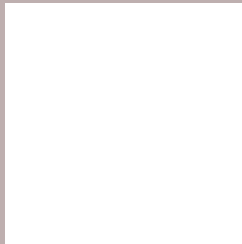
Any Text WCAG AAA ✓ Pass

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

RYB 190, 175, 175 Background



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



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

Protanopia
182, 179, 176

Deuteranopia
197, 173, 175



Tritanopia
192, 173, 187

Trichromacy



Original Color

190, 175, 175

Protanomaly

185, 177, 176

Deuteranomaly

194, 174, 175

Tritanomaly

191, 174, 183

Monochromacy



Original Color

190, 175, 175

Achromatopsia

179, 179, 179

Achromatomaly

183, 178, 178

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(190, 175, 175)  
}
```

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(190, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 175) }
```

Border

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

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

```
.border{ border-color:rgb(190, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
175) }
```

Background

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

```
.background, #background, body{  
background: rgb(190, 175, 175) }
```

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

```
.background{ background-color: rgb(190,  
175, 175) }
```

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