

Converting Colors

`RYB(174, 204, 156)`

Have a look what the booklet for
RYB(174, 204, 156) contains.

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Color

R_YB(174, 204, 156)

Conversions

Conversions Part 1

Format	Color
Hex	CCBF9C
RGB	204, 191, 156
RGB Percent	80%, 75%, 61%
CMY	0.2000, 0.2513, 0.3882
CMYK	0.00, 0.06, 0.24, 0.20
HSL	44°, 32%, 71%
HSV	44°, 24%, 80%
XYZ	49.5136, 52.4596, 38.9686
YIQ	190.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

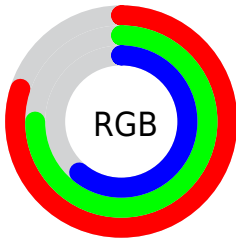
Format	Color
RYB	174, 204, 156
Decimal	13418396
CIELab	77.55, -0.94, 19.30
CIELCh	78, 19.327, 92.787
Yxy	52.4596, 0.3513, 0.3722
Android (android.graphics.Color)	4291608476 (0xFFCCBF9C)
YUV	190.8970, -17.2042, 11.4913
Hunter-Lab	72.4290, -4.7255, 18.8009

Details

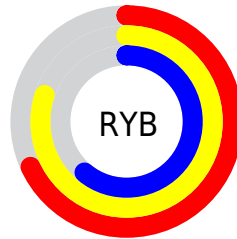
The RYB color **174, 204, 156** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **156, 166, 204**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **221, 255, 211**, and **120, 149, 105** is the 20% darker color. If you saturate the color by 10%, you get **162, 204, 136**, and if you desaturate by 10%, it is **187, 204, 176**.

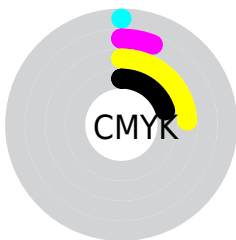
Distribution



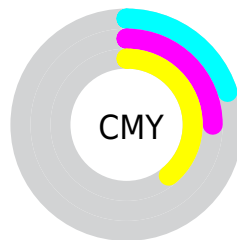
- Red (80%)
- Green (75%)
- Blue (61%)



- Red (68%)
- Yellow (80%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 174, 204, 156 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 174, 204, 156 by changing the saturation by 10% instead.


 174, 204, 156

 174, 204, 156

255, 255, 255

 146, 176, 130

 221, 255, 211

 120, 149, 105

 239, 255, 239

 95, 123, 80

 70, 98, 57

 45, 73, 35

 23, 50, 14

 9, 29, 0

 0, 0, 0

 174, 204, 156

 174, 204, 156

 162, 204, 136

 187, 204, 176

 148, 204, 115

 200, 204, 197

 136, 204, 95

 204, 207, 217

 122, 204, 74

 204, 211, 238

 110, 204, 54

 204, 216, 255

 97, 204, 34

 204, 218, 255

 84, 204, 13

 204, 221, 255

 77, 204, 0

 204, 223, 255

 204, 225, 255

Harmonies

Analogous

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



220, 203, 160



174, 204, 156



161, 196, 173

Triad

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



174, 204, 156



144, 175, 210



217, 181, 208

Complementary

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



174, 204, 156



156, 166, 204

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.



197, 186, 222



174, 204, 156



153, 180, 223

Square

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



174, 204, 156



149, 178, 202



174, 188, 227



228, 179, 191

Rectangle

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



174, 204, 156



170, 199, 199



174, 188, 227



211, 183, 213

Sweetspot

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



174, 204, 156



244, 255, 237



204, 156, 170



121, 128, 117



0, 0, 0



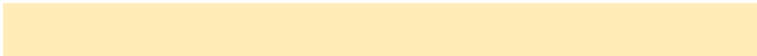
128, 128, 128

Same Dimension

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



174, 204, 156



210, 255, 184



156, 204, 166



96, 102, 92



62, 166, 0



14, 38, 0

Inverse Universe

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



156, 166, 204



184, 199, 255



166, 156, 204



92, 94, 102



0, 35, 166



0, 8, 38

Previews

White Background



This preview shows how the RYB color 174, 204, 156 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 174, 204, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

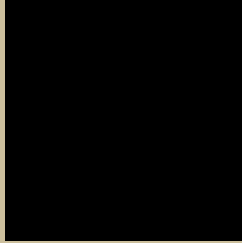
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

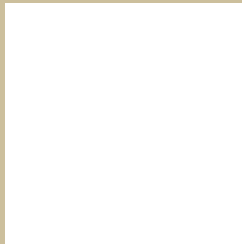
Any Text WCAG AAA ✓ Pass

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

RYP 174, 204, 156 Background



This preview shows how black text looks on a background with the RYP color 174, 204, 156.



This preview shows how white text looks on a background with the RYP color 174, 204, 156.

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
[174, 204, 156](#)

Protanopia
[172, 203, 156](#)

Deuteranopia
[222, 203, 157](#)



Tritanopia
209, 185, 199

Trichromacy



Original Color

174, 204, 156

Protanomaly

172, 203, 156

Deuteranomaly

211, 215, 157

Tritanomaly

207, 188, 183

Monochromacy



Original Color

174, 204, 156

Achromatopsia

191, 191, 191

Achromatomaly

185, 196, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 204, 156 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(204, 191, 156) looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 156)  
}
```

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(204, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 156) }
```

Border

The CSS property to change the border of an element to RYB 174, 204, 156 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(204, 191, 156) }
```

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

```
.border{ border-color:rgb(204, 191, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 156);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 174, 204, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 156) }
```

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

```
.background{ background-color: rgb(204,  
191, 156) }
```

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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