

Converting Colors

`RYB(203, 155, 131)`

Have a look what the booklet for
RYB(203, 155, 131) contains.

RYB(203, 155, 131)	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(203, 155, 131)

Conversions

Conversions Part 1

Format	Color
Hex	CB9583
RGB	203, 149, 131
RGB Percent	80%, 58%, 51%
CMY	0.2039, 0.4157, 0.4863
CMYK	0.00, 0.27, 0.35, 0.20
HSL	15°, 41%, 65%
HSV	15°, 35%, 80%
XYZ	39.4728, 35.8301, 26.3082
YIQ	163.0940, 37.9620, 5.8500

Conversions

Conversions Part 2

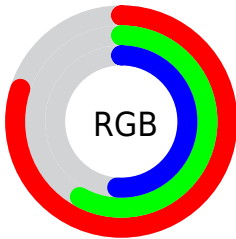
Format	Color
RYB	203, 155, 131
Decimal	13342083
CIELab	66.39, 17.91, 17.48
CIELCh	66, 25.030, 44.306
Yxy	35.8301, 0.3885, 0.3526
Android (android.graphics.Color)	4291532163 (0xFFCB9583)
YUV	163.0940, -15.8223, 34.9976
Hunter-Lab	59.8582, 12.9577, 15.8423

Details

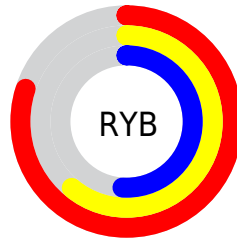
The RYB color **203, 155, 131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 162, 203**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 210, 184**, and **147, 103, 82** is the 20% darker color. If you saturate the color by 10%, you get **203, 142, 111**, and if you desaturate by 10%, it is **203, 168, 151**.

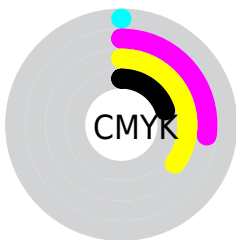
Distribution



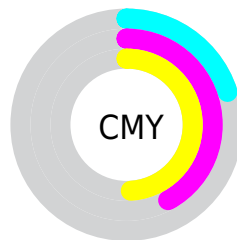
- Red (80%)
- Green (58%)
- Blue (51%)



- Red (80%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (20%)




- Cyan (20%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 203, 155, 131 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 203, 155, 131 by changing the saturation by 10% instead.

 203, 155, 131

 203, 155, 131

255, 255, 255

 175, 129, 106

 255, 210, 184

 147, 103, 82

 255, 249, 212

 120, 80, 58

 240, 255, 240

 94, 56, 37


 69, 33, 16

 45, 8, 0

 6, 0, 0


 0, 0, 0


 203, 155, 131


 203, 155, 131


 203, 142, 111


 203, 168, 151

 203, 129, 90

 203, 181, 172

 203, 114, 70

 203, 196, 192

 203, 101, 50

 203, 207, 212

 203, 87, 30

 203, 216, 233

 203, 75, 9

 203, 224, 253

 203, 68, 0

 203, 229, 255

Harmonies

Analogous

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



207, 145, 151



203, 155, 131



179, 188, 119

Triad

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



203, 155, 131



116, 152, 173



149, 158, 205

Complementary

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



203, 155, 131



131, 162, 203

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.



118, 149, 204



203, 155, 131



97, 136, 174

Square

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



203, 155, 131



129, 169, 157



97, 139, 192



178, 152, 194

Rectangle

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



203, 155, 131



135, 175, 117



97, 139, 192



138, 156, 206

Sweetspot

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



203, 155, 131



255, 236, 227



203, 131, 185



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

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



203, 155, 131



255, 183, 145



155, 203, 131



102, 95, 92



166, 54, 0



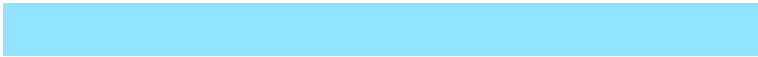
38, 14, 0

Inverse Universe

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



131, 162, 203



145, 192, 255



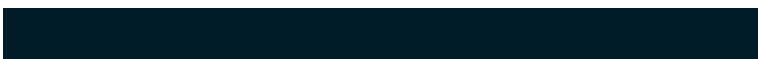
131, 145, 203



92, 96, 102



0, 71, 166



0, 16, 38

Previews

White Background



This preview shows how the RYB color 203, 155, 131 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 203, 155, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

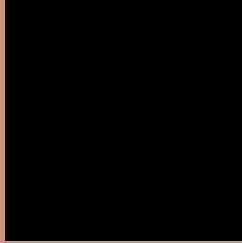
Any Text WCAG AA ✓ Pass

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 203, 155, 131 Background



This preview shows how black text looks on a background with the RYB color 203, 155, 131.



This preview shows how white text looks on a background with the RYB color 203, 155, 131.

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
203, 155, 131

Protanopia
149, 170, 137

Deuteranopia
188, 174, 130



Tritanopia
206, 145, 156

Trichromacy



Original Color

203, 155, 131

Protanomaly

182, 176, 135

Deuteranomaly

193, 166, 130

Tritanomaly

205, 146, 147

Monochromacy



Original Color

203, 155, 131

Achromatopsia

163, 163, 163

Achromatomaly

178, 160, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 155, 131 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(203, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(203, 149, 131)  
}
```

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(203, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 149, 131) }
```

Border

The CSS property to change the border of an element to RYB 203, 155, 131 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(203, 149, 131) }
```

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

```
.border{ border-color:rgb(203, 149, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 149, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(203, 149,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 203, 149, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 149, 131) }
```

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

```
.background{ background-color: rgb(203,  
149, 131) }
```

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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