Converting Colors

RYB(200, 151, 130)

Have a look what the booklet for RYB(200, 151, 130) contains.

Color

RYB(200, 151, 130)

Conversions

Format	Color
	Conversions Part 1
Hex	C89282
RGB	200, 146, 130
RGB Percent	78%, 57%, 51%
CMY	0.2157, 0.4268, 0.4902
CMYK	0.00, 0.27, 0.35, 0.22
HSL	14°, 39%, 65%
HSV	14°, 35%, 78%
XYZ	38.1513, 34.4963, 25.7668
YIQ	160.3220, 37.3200, 6.4720

Conversions

Conversions Part 2

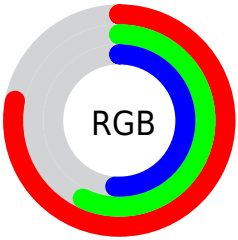
Format	Color
RYB	200, 151, 130
Decimal	13144706
CIELab	65.35, 18.16, 16.56
CIELCh	65, 24.579, 42.353
Yxy	34.4963, 0.3877, 0.3505
Android (android.graphics.Color)	4291334786 (0xFFC89282)
YUV	160.3220, -14.9487, 34.7976
Hunter-Lab	58.7336, 13.1638, 15.1026

Details

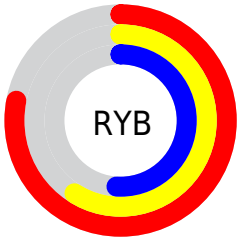
The RYB color 200, 151, 130 is a light color, and the websafe version is hex CC9999. A complement of this color would be 130, 160, 200, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 255, 205, 183, and 144, 99, 81 is the 20% darker color. If you saturate the color by 10%, you get 200, 137, 110, and if you desaturate by 10%, it is 200, 166, 150.

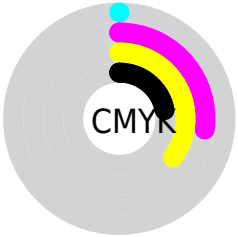
Distribution



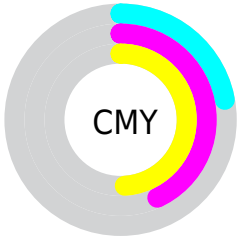
- Red (78%)
- Green (57%)
- Blue (51%)



- Red (78%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 151, 130 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 200, 151, 130 by changing the saturation by 10% instead.

200, 151, 130

255, 255, 255

255, 205, 183

255, 239, 211

239, 255, 239

200, 151, 130

172, 124, 105

144, 99, 81

118, 75, 58

92, 51, 36

66, 31, 15

43, 4, 0

0, 0, 0

200, 151, 130

200, 137, 110

200, 151, 130

200, 166, 150

200, 122, 90

200, 109, 70

200, 96, 50

200, 81, 30

200, 67, 10

200, 60, 0

200, 179, 170

200, 193, 190

200, 204, 210

200, 213, 230

200, 222, 250

200, 227, 255

200, 228, 255

Harmonies

Analogous

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

203, 143, 150

200, 151, 130

180, 186, 117

Triad

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

200, 151, 130

116, 151, 170

144, 155, 201

Complementary

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

200, 151, 130

130, 160, 200

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.

114, 146, 200

200, 151, 130

97, 135, 171

Square

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

200, 151, 130

126, 166, 151

95, 136, 188

173, 150, 191

Rectangle

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

200, 151, 130

135, 173, 115

95, 136, 188

134, 153, 202

Sweetspot

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

200, 151, 130

255, 235, 227

200, 130, 185

128, 116, 111

0, 0, 0

128, 128, 128

Same Dimension

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

200, 151, 130

255, 181, 148

158, 200, 130

99, 93, 90

163, 50, 0

36, 10, 0

Inverse Universe

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

130, 160, 200

148, 194, 255

130, 146, 200

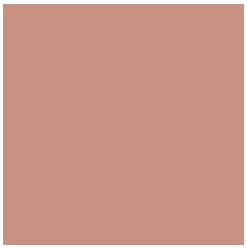
90, 94, 99

0, 71, 163

0, 15, 36

Previews

White Background

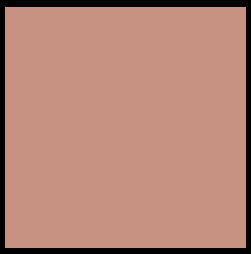


This preview shows how the RYB color 200, 151, 130 looks on a white background.

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



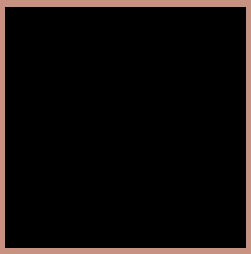
This preview shows how the RYB color 200, 151, 130 looks on a black background.

Color Contrast Check

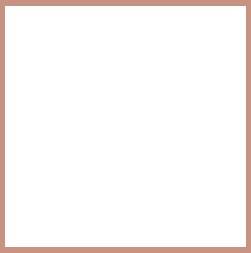
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 200, 151, 130 Background



This preview shows how black text looks on a background with the RYB color 200, 151, 130.



This preview shows how white text looks on a background with the RYB color 200, 151, 130.

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

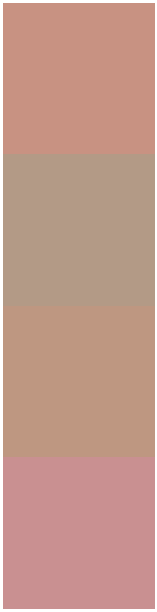
Original Color
200, 151, 130

Protanopia
147, 167, 136

Deuteranopia
185, 171, 129

Tritanopia
202, 143, 154

Trichromacy



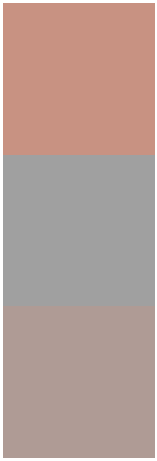
Original Color
200, 151, 130

Protanomaly
179, 170, 134

Deuteranomaly
190, 163, 129

Tritanomaly
201, 144, 145

Monochromacy



Original Color
200, 151, 130

Achromatopsia
160, 160, 160

Achromatomaly
175, 157, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 151, 130 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(200, 146, 130) looks like.

```
.text, #text, p{
    color:rgb(200, 146, 130)
}
```

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(200, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 146, 130) }
```

Border

The CSS property to change the border of an element to RYB 200, 151, 130 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(200, 146, 130) }
```

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

```
.border{ border-color:rgb(200, 146, 130) }
```

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

Here you see how a box with a 4 pixel rgb(200, 146, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 146, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 146, 130); box-shadow:4px 4px 4px 4px rgb(200, 146, 130) }
```

Background

The CSS property to change the background color of an element to RYB 200, 151, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(200, 146, 130) }
```

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

```
.background{ background-color:rgb(200,
146, 130) }
```

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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