

Converting Colors

`RYB(220, 157, 128)`

Have a look what the booklet for
RYB(220, 157, 128) contains.

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Color

R_YB(220, 157, 128)

Conversions

Conversions Part 1

Format	Color
Hex	DC9680
RGB	220, 150, 128
RGB Percent	86%, 59%, 50%
CMY	0.1373, 0.4116, 0.4980
CMYK	0.00, 0.32, 0.42, 0.14
HSL	14°, 57%, 68%
HSV	14°, 42%, 86%
XYZ	44.3257, 38.6027, 25.5369
YIQ	168.4220, 48.7820, 7.9980

Conversions

Conversions Part 2

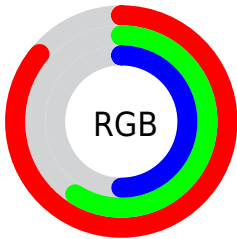
Format	Color
R _Y B	220, 157, 128
Decimal	14456448
CIE Lab	68.46, 23.68, 22.29
CIE LCh	68, 32.517, 43.264
Yxy	38.6027, 0.4087, 0.3559
Android (android.graphics.Color)	4292646528 (0xFFDC9680)
YUV	168.4220, -19.9280, 45.2339
Hunter-Lab	62.1311, 18.6167, 19.1225

Details

The RYB color **220, 157, 128** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 168, 220**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 217, 181**, and **163, 105, 79** is the 20% darker color. If you saturate the color by 10%, you get **220, 141, 106**, and if you desaturate by 10%, it is **220, 172, 150**.

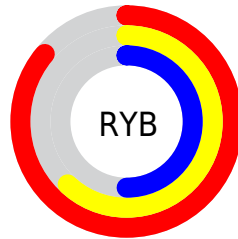
Distribution



Red (86%)

Green (59%)

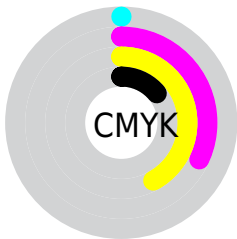
Blue (50%)



Red (86%)

Yellow (62%)

Blue (50%)

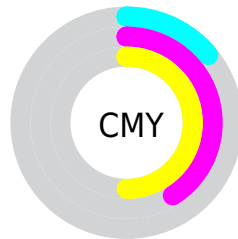


Cyan (0%)

Magenta (32%)

Yellow (42%)

Black (14%)



Cyan (14%)


Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 157, 128 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 220, 157, 128 by changing the saturation by 10% instead.


 220, 157, 128


255, 255, 255


 255, 217, 181

 251, 255, 209

 237, 255, 237


 220, 157, 128

 191, 131, 103


 163, 105, 79

 135, 79, 56

 108, 56, 34


 81, 32, 13

 55, 7, 0

 31, 0, 1


 0, 0, 0


 220, 157, 128


 220, 157, 128

 220, 141, 106

 220, 172, 150

 220, 128, 84

 220, 188, 172

 220, 112, 62

 220, 202, 194

 220, 96, 40

 220, 217, 216

 220, 81, 18

 220, 228, 238

 220, 70, 0

 220, 236, 255

 220, 238, 255

Harmonies

Analogous

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



225, 145, 155



220, 157, 128



193, 202, 111

Triad

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



220, 157, 128



106, 155, 182



147, 162, 224

Complementary

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



220, 157, 128



128, 168, 220

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.



101, 147, 223



220, 157, 128



74, 130, 183

Square

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



220, 157, 128



123, 177, 159



68, 130, 206



187, 155, 210

Rectangle

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



220, 157, 128



132, 184, 108



68, 130, 206



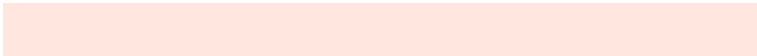
132, 158, 225

Sweetspot

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



220, 157, 128



255, 233, 222



220, 128, 199



128, 114, 107



0, 0, 0



128, 128, 128

Same Dimension

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



220, 157, 128



255, 167, 128



162, 220, 128



110, 101, 99



173, 55, 0



46, 14, 0

Inverse Universe

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



128, 168, 220



128, 183, 255



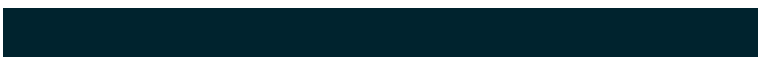
128, 148, 220



99, 104, 110



0, 75, 173



0, 20, 46

Previews

White Background



This preview shows how the RYB color 220, 157, 128 looks on a white background.

Color Contrast Check

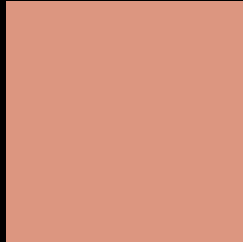
Large Text (above 18pt) WCAG AA × Fail

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 220, 157, 128 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 220, 157, 128 Background



This preview shows how black text looks on a background with the RYB color 220, 157, 128.



This preview shows how white text looks on a background with the RYB color 220, 157, 128.

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
220, 157, 128

Protanopia
149, 177, 136

Deuteranopia
197, 191, 126



Tritanopia
223, 146, 157

Trichromacy



Original Color
220, 157, 128

Protanomaly
193, 186, 133

Deuteranomaly
205, 173, 127

Tritanomaly
222, 147, 146

Monochromacy



Original Color
220, 157, 128

Achromatopsia
168, 168, 168

Achromatomaly
187, 163, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 157, 128 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(220, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(220, 150, 128)  
}
```

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(220, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 150, 128) }
```

Border

The CSS property to change the border of an element to RYB 220, 157, 128 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(220, 150, 128) }
```

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

```
.border{ border-color:rgb(220, 150, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(220, 150,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 220, 157, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 150, 128) }
```

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

```
.background{ background-color: rgb(220,  
150, 128) }
```

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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