

Converting Colors

`RYB(212, 145, 144)`

Have a look what the booklet for
RYB(212, 145, 144) contains.

RYB(212, 145, 144)	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

$\text{RYB}(212, 145, 144)$

Conversions

Conversions Part 1

Format	Color
Hex	D49190
RGB	212, 145, 144
RGB Percent	83%, 57%, 56%
CMY	0.1686, 0.4314, 0.4353
CMYK	0.00, 0.32, 0.32, 0.17
HSL	1°, 44%, 70%
HSV	1°, 32%, 83%
XYZ	42.3086, 36.2570, 31.1540
YIQ	164.9190, 40.2530, 13.8930

Conversions

Conversions Part 2

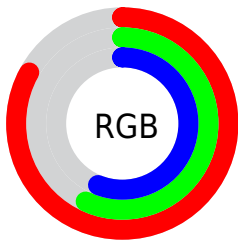
Format	Color
R _Y B	212, 145, 144
Decimal	13930896
CIE Lab	66.72, 25.23, 10.82
CIE LCh	67, 27.458, 23.216
Yxy	36.2570, 0.3856, 0.3305
Android (android.graphics.Color)	4292120976 (0xFFD49190)
YUV	164.9190, -10.3131, 41.2900
Hunter-Lab	60.2138, 20.0470, 11.4737

Details

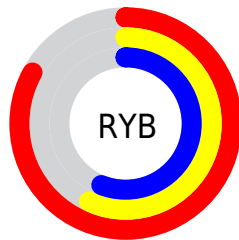
The RYB color **212, 145, 144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **144, 178, 212**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 199, 198**, and **156, 94, 94** is the 20% darker color. If you saturate the color by 10%, you get **212, 124, 123**, and if you desaturate by 10%, it is **212, 166, 165**.

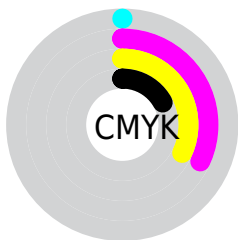
Distribution



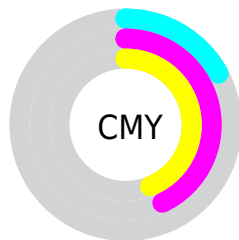
- Red (83%)
- Green (57%)
- Blue (56%)



- Red (83%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 145, 144 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 212, 145, 144 by changing the saturation by 10% instead.

 212, 145, 144

 212, 145, 144

255, 255, 255

 184, 119, 118

 255, 199, 198

 156, 94, 94

 255, 228, 226

 128, 70, 70

254, 255, 254

 102, 46, 48

 76, 23, 27


 52, 1, 0

 23, 0, 0


 0, 0, 0


 212, 145, 144

 212, 145, 144

 212, 124, 123


 212, 166, 165

 212, 103, 102


 212, 187, 186

 212, 82, 80

 212, 208, 208

 212, 61, 59

 212, 221, 229

 212, 41, 38

 212, 231, 250

 212, 20, 17

 212, 234, 255

 212, 3, 0

Harmonies

Analogous

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



207, 145, 169



212, 145, 144



204, 165, 124

Triad

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



212, 145, 144



132, 173, 173



123, 152, 211

Complementary

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



212, 145, 144



144, 178, 212

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.



93, 139, 201



212, 145, 144



104, 146, 176

Square

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



212, 145, 144



116, 167, 123



86, 132, 181



158, 158, 207

Rectangle

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



212, 145, 144



183, 192, 115



86, 132, 181



111, 147, 209

Sweetspot

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



212, 145, 144



255, 230, 230



212, 144, 212



128, 112, 112



0, 0, 0



128, 128, 128

Same Dimension

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



212, 145, 144



255, 160, 158



212, 212, 144



107, 97, 96



171, 2, 0



43, 1, 0

Inverse Universe

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



144, 178, 212



158, 206, 255



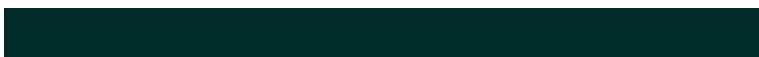
144, 167, 212



96, 102, 107



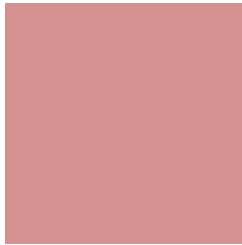
0, 85, 171



0, 22, 43

Previews

White Background



This preview shows how the RYB color 212, 145, 144 looks on a white background.

Color Contrast Check

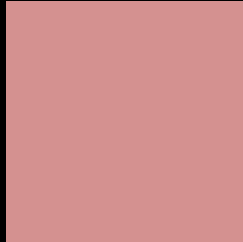
Large Text (above 18pt) WCAG AA × Fail

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 212, 145, 144 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](#).

R Y B 212, 145, 144 Background



This preview shows how black text looks on a background with the R Y B color 212, 145, 144.



This preview shows how white text looks on a background with the R Y B color 212, 145, 144.

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
212, 145, 144

Protanopia
163, 168, 153

Deuteranopia
186, 165, 142



Tritanopia
213, 143, 154

Trichromacy



Original Color

212, 145, 144

Protanomaly

184, 157, 150

Deuteranomaly

195, 155, 143

Tritanomaly

213, 144, 150

Monochromacy



Original Color

212, 145, 144

Achromatopsia

165, 165, 165

Achromatomaly

182, 158, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 145, 144 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(212, 145, 144) looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 144)  
}
```

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(212, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 144) }
```

Border

The CSS property to change the border of an element to RYB 212, 145, 144 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(212, 145, 144) }
```

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

```
.border{ border-color:rgb(212, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 212, 145, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 144) }
```

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

```
.background{ background-color: rgb(212,  
145, 144) }
```

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