

Converting Colors

`RYB(211, 146, 146)`

Have a look what the booklet for
RYB(211, 146, 146) contains.

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Color

R_YB(211, 146, 146)

Conversions

Conversions Part 1

Format	Color
Hex	D39292
RGB	211, 146, 146
RGB Percent	83%, 57%, 57%
CMY	0.1725, 0.4275, 0.4275
CMYK	0.00, 0.31, 0.31, 0.17
HSL	0°, 42%, 70%
HSV	0°, 31%, 83%
XYZ	42.3312, 36.4820, 32.0048
YIQ	165.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

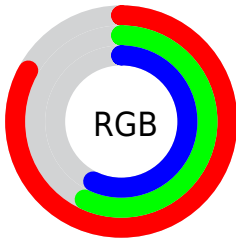
Format	Color
R _Y B	211, 146, 146
Decimal	13865618
CIE Lab	66.89, 24.57, 9.93
CIE LCh	67, 26.497, 22.008
Yxy	36.4820, 0.3820, 0.3292
Android (android.graphics.Color)	4292055698 (0xFFD39292)
YUV	165.4350, -9.5815, 39.9605
Hunter-Lab	60.4003, 19.4000, 10.8638

Details

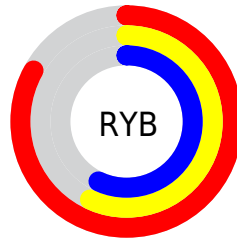
The RYB color **211, 146, 146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **146, 179, 211**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 200, 200**, and **155, 95, 96** is the 20% darker color. If you saturate the color by 10%, you get **211, 125, 125**, and if you desaturate by 10%, it is **211, 167, 167**.

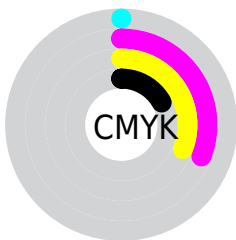
Distribution



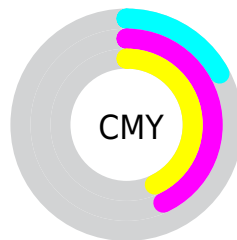
- Red (83%)
- Green (57%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (17%)





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

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 146, 146 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 211, 146, 146 by changing the saturation by 10% instead.

 211, 146, 146

 211, 146, 146

255, 255, 255


 183, 120, 120

 255, 200, 200

 155, 95, 96

 255, 229, 228

 128, 71, 72

 101, 47, 50


 76, 25, 29


 51, 2, 2


 23, 0, 0


 0, 0, 0


 211, 146, 146


 211, 146, 146


 211, 125, 125


 211, 167, 167

 211, 104, 104


 211, 188, 188


 211, 83, 83


 211, 209, 209

 211, 62, 62


 211, 221, 230

 211, 40, 40

 211, 231, 251

 211, 19, 19

 211, 233, 255

 211, 0, 0

Harmonies

Analogous

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



206, 146, 170



211, 146, 146



204, 163, 126

Triad

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



211, 146, 146



133, 173, 172



124, 153, 209

Complementary

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



211, 146, 146



146, 179, 211

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.



96, 140, 200



211, 146, 146



108, 148, 176

Square

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



211, 146, 146



118, 167, 123



91, 134, 180



158, 159, 207

Rectangle

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



211, 146, 146



191, 193, 118



91, 134, 180



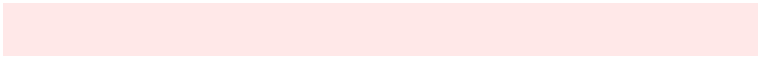
113, 148, 207

Sweetspot

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



211, 146, 146



255, 232, 232



211, 146, 211



128, 113, 113



0, 0, 0



128, 128, 128

Same Dimension

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



211, 146, 146



255, 161, 161



209, 211, 146



105, 94, 94



168, 0, 0



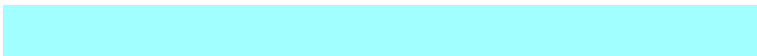
41, 0, 0

Inverse Universe

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



146, 179, 211



161, 208, 255



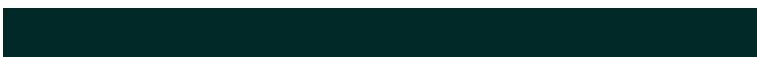
146, 168, 211



94, 100, 105



0, 84, 168



0, 21, 41

Previews

White Background



This preview shows how the RYB color 211, 146, 146 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 211, 146, 146 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 211, 146, 146 Background



This preview shows how black text looks on a background with the RYB color 211, 146, 146.



This preview shows how white text looks on a background with the RYB color 211, 146, 146.

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
211, 146, 146

Protanopia
166, 168, 155

Deuteranopia
186, 163, 144



Tritanopia
212, 145, 156

Trichromacy



Original Color

211, 146, 146

Protanomaly

184, 157, 152

Deuteranomaly

195, 155, 145

Tritanomaly

212, 145, 152

Monochromacy



Original Color

211, 146, 146

Achromatopsia

165, 165, 165

Achromatomaly

182, 158, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 146, 146 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(211, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 146)  
}
```

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(211, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 146) }
```

Border

The CSS property to change the border of an element to RYB 211, 146, 146 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(211, 146, 146) }
```

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

```
.border{ border-color:rgb(211, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 146, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 146, 146); box-shadow:4px 4px 4px 4px rgb(211, 146, 146) }
```

Background

The CSS property to change the background color of an element to RGB 211, 146, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 146) }
```

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

```
.background{ background-color: rgb(211,  
146, 146) }
```

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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