

Converting Colors

`RYB(212, 150, 155)`

Have a look what the booklet for
RYB(212, 150, 155) contains.

RYB(212, 150, 155)	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

$\text{RYB}(212, 150, 155)$

Conversions

Conversions Part 1

Format	Color
Hex	D4969B
RGB	212, 150, 155
RGB Percent	83%, 59%, 61%
CMY	0.1686, 0.4118, 0.3922
CMYK	0.00, 0.29, 0.27, 0.17
HSL	355°, 42%, 71%
HSV	355°, 29%, 83%
XYZ	43.9741, 38.1763, 36.0614
YIQ	169.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

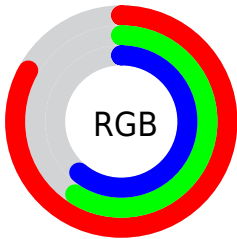
Format	Color
R _Y B	212, 150, 155
Decimal	13932187
CIE Lab	68.15, 24.00, 6.71
CIE LCh	68, 24.918, 15.626
Yxy	38.1763, 0.3720, 0.3229
Android (android.graphics.Color)	4292122267 (0xFFD4969B)
YUV	169.1080, -6.9552, 37.6163
Hunter-Lab	61.7870, 18.9122, 8.6468

Details

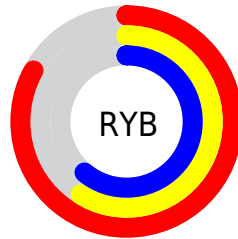
The RYB color **212, 150, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **150, 182, 212**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 205, 209**, and **156, 99, 104** is the 20% darker color. If you saturate the color by 10%, you get **212, 129, 136**, and if you desaturate by 10%, it is **212, 171, 174**.

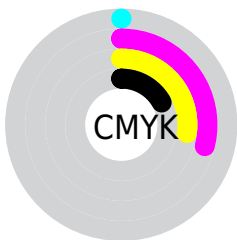
Distribution



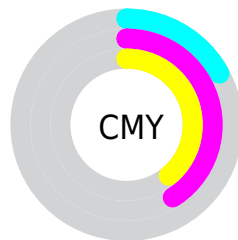
- Red (83%)
- Green (59%)
- Blue (61%)



- Red (83%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (17%)




- Cyan (17%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 150, 155 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, 150, 155 by changing the saturation by 10% instead.

 212, 150, 155

 212, 150, 155

255, 255, 255

 184, 124, 129

 255, 205, 209

 156, 99, 104

 255, 233, 238

 129, 74, 80

 103, 51, 57


 77, 28, 36


 53, 5, 14

 30, 0, 1


 0, 0, 0


 212, 150, 155

 212, 150, 155

 212, 129, 136


 212, 171, 174

 212, 108, 116

 212, 192, 194

 212, 86, 97

 212, 213, 214

 212, 65, 77

 212, 224, 235

 212, 44, 58

 212, 234, 255

 212, 23, 38

 212, 234, 255

 212, 2, 19

 212, 0, 17

Harmonies

Analogous

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



204, 151, 178



212, 150, 155



207, 161, 135

Triad

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



212, 150, 155



134, 174, 163



124, 154, 209

Complementary

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



212, 150, 155



150, 182, 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.



102, 144, 197



212, 150, 155



120, 157, 178

Square

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



212, 150, 155



125, 170, 123



102, 141, 179



155, 163, 209

Rectangle

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



212, 150, 155



198, 184, 126



102, 141, 179



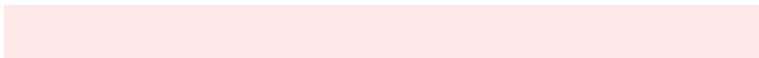
115, 150, 206

Sweetspot

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



212, 150, 155



255, 232, 234



207, 150, 212



128, 113, 115



0, 0, 0



128, 128, 128

Same Dimension

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



212, 150, 155



255, 166, 173



212, 195, 150



107, 96, 97



171, 0, 14



43, 0, 3

Inverse Universe

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



212, 150, 155



255, 166, 173



150, 173, 212



107, 96, 97



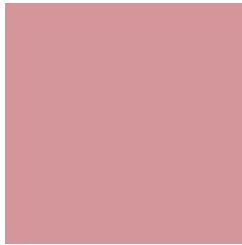
171, 0, 14



43, 0, 3

Previews

White Background



This preview shows how the RYB color 212, 150, 155 looks on a white background.

Color Contrast Check

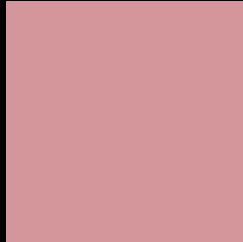
Large Text (above 18pt) WCAG AA × Fail

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, 150, 155 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 212, 150, 155 Background



This preview shows how black text looks on a background with the RYB color 212, 150, 155.

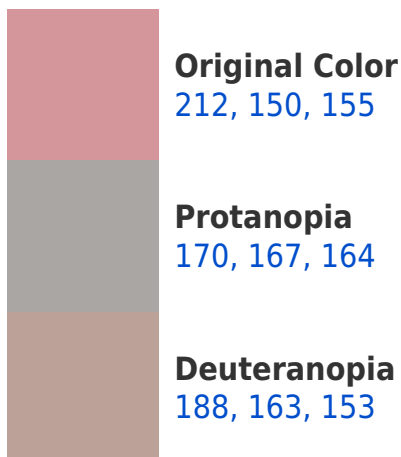


This preview shows how white text looks on a background with the RYB color 212, 150, 155.

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





Tritanopia
213, 149, 161

Trichromacy



Original Color

212, 150, 155

Protanomaly

185, 160, 161

Deuteranomaly

197, 157, 154

Tritanomaly

213, 149, 159

Monochromacy



Original Color

212, 150, 155

Achromatopsia

169, 169, 169

Achromatomaly

185, 162, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 150, 155 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, 150, 155) looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 155)  
}
```

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, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 155) }
```

Border

The CSS property to change the border of an element to RYB 212, 150, 155 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, 150, 155) }
```

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

```
.border{ border-color:rgb(212, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 212, 150, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 155) }
```

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

```
.background{ background-color: rgb(212,  
150, 155) }
```

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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