

Converting Colors

`RYB(211, 104, 115)`

Have a look what the booklet for
RYB(211, 104, 115) contains.

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Color

R_YB(211, 104, 115)

Conversions

Conversions Part 1

Format	Color
Hex	D36873
RGB	211, 104, 115
RGB Percent	83%, 41%, 45%
CMY	0.1725, 0.5922, 0.5490
CMYK	0.00, 0.51, 0.45, 0.17
HSL	354°, 55%, 62%
HSV	354°, 51%, 83%
XYZ	34.9088, 24.9873, 19.2028
YIQ	137.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

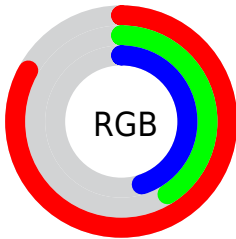
Format	Color
RYB	211, 104, 115
Decimal	13854835
CIELab	57.06, 43.14, 13.81
CIElCh	57, 45.301, 17.752
Yxy	24.9873, 0.4413, 0.3159
Android (android.graphics.Color)	4292044915 (0xFFD36873)
YUV	137.2470, -10.9678, 64.6814
Hunter-Lab	49.9873, 37.1782, 12.2147

Details

The RYB color **211, 104, 115** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **104, 160, 211**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 158, 167**, and **152, 52, 67** is the 20% darker color. If you saturate the color by 10%, you get **211, 83, 96**, and if you desaturate by 10%, it is **211, 125, 134**.

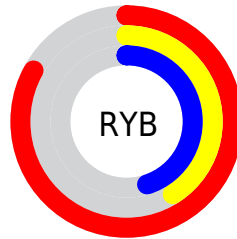
Distribution



Red (83%)

Green (41%)

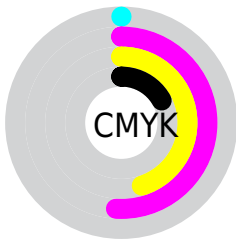
Blue (45%)



Red (83%)

Yellow (41%)

Blue (45%)

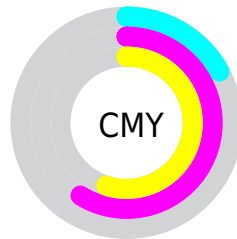


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (17%)



Cyan (17%)


Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 104, 115 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, 104, 115 by changing the saturation by 10% instead.

 211, 104, 115


255, 255, 255


 255, 158, 167

 255, 185, 194


 255, 214, 222

 255, 243, 250

 211, 104, 115

 181, 78, 91

 152, 52, 67


 124, 24, 45


 96, 0, 25


 69, 0, 0


 43, 0, 1


 0, 0, 0


 211, 104, 115


 211, 83, 96


 211, 104, 115


 211, 125, 134


 211, 62, 77


 211, 146, 153

 211, 41, 58

 211, 167, 172

 211, 20, 39


 211, 188, 191

 211, 0, 22

 211, 210, 210

 211, 222, 231

 211, 233, 252

 211, 233, 255

Harmonies

Analogous

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



202, 105, 155



211, 104, 115



200, 127, 80

Triad

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



211, 104, 115



82, 151, 142



0, 87, 214

Complementary

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



211, 104, 115



104, 160, 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.



0, 86, 194



211, 104, 115



0, 88, 156

Square

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



211, 104, 115



58, 142, 63



0, 79, 160



112, 129, 212

Rectangle

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



211, 104, 115



182, 184, 63



0, 79, 160



0, 87, 210

Sweetspot

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



211, 104, 115



255, 217, 221



199, 104, 211



128, 105, 107



0, 0, 0



128, 128, 128

Same Dimension

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



211, 104, 115



255, 99, 115



211, 170, 104



105, 94, 95



168, 0, 17



41, 0, 4

Inverse Universe

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



211, 104, 115



255, 99, 115



104, 145, 211



105, 94, 95



168, 0, 17



41, 0, 4

Previews

White Background



This preview shows how the RYB color 211, 104, 115 looks on a white background.

Color Contrast Check

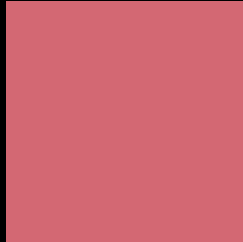
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104, 115 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 211, 104, 115 Background



This preview shows how black text looks on a background with the RYB color 211, 104, 115.

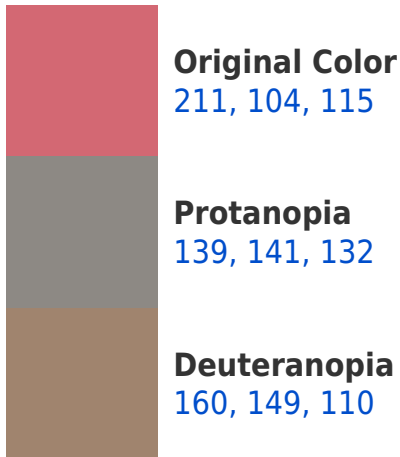



This preview shows how white text looks on a background with the RYB color 211, 104, 115.

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
211, 105, 112

Trichromacy



Original Color
211, 104, 115

Protanomaly
166, 125, 126

Deuteranomaly
179, 124, 112

Tritanomaly
211, 105, 113

Monochromacy



Original Color
211, 104, 115

Achromatopsia
137, 137, 137

Achromatomaly
164, 125, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 104, 115 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, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(211, 104, 115)  
}
```

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, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 104, 115) }
```

Border

The CSS property to change the border of an element to RYB 211, 104, 115 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, 104, 115) }
```

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

```
.border{ border-color:rgb(211, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(211, 104,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 211, 104, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 104, 115) }
```

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

```
.background{ background-color: rgb(211,  
104, 115) }
```

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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