

Converting Colors

`RYB(210, 105, 105)`

Have a look what the booklet for
RYB(210, 105, 105) contains.

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Color

R_YB(210, 105, 105)

Conversions

Conversions Part 1

Format	Color
Hex	D26969
RGB	210, 105, 105
RGB Percent	82%, 41%, 41%
CMY	0.1765, 0.5882, 0.5882
CMYK	0.00, 0.50, 0.50, 0.18
HSL	0°, 54%, 62%
HSV	0°, 50%, 82%
XYZ	34.1797, 24.8247, 16.3548
YIQ	136.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

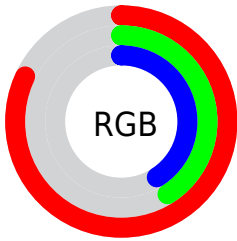
Format	Color
R _Y B	210, 105, 105
Decimal	13789545
CIE Lab	56.90, 41.32, 19.38
CIE LCh	57, 45.638, 25.132
Yxy	24.8247, 0.4536, 0.3294
Android (android.graphics.Color)	4291979625 (0xFFD26969)
YUV	136.3950, -15.4777, 64.5516
Hunter-Lab	49.8244, 35.2589, 15.4152

Details

The RYB color **210, 105, 105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **105, 158, 210**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 158, 156**, and **151, 53, 58** is the 20% darker color. If you saturate the color by 10%, you get **210, 84, 84**, and if you desaturate by 10%, it is **210, 126, 126**.

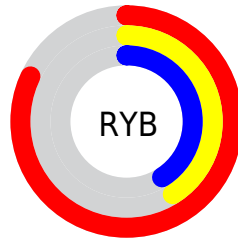
Distribution



Red (82%)

Green (41%)

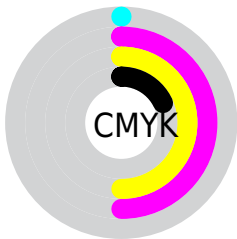
Blue (41%)



Red (82%)

Yellow (41%)

Blue (41%)

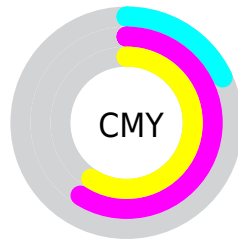


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (18%)



Cyan (18%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 105, 105 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 210, 105, 105 by changing the saturation by 10% instead.


 210, 105, 105

 210, 105, 105

255, 255, 255

 180, 79, 81

 255, 158, 156

 151, 53, 58

 255, 186, 183

 123, 26, 36

 255, 214, 211


 94, 0, 16


 255, 244, 239

 67, 0, 0


 41, 0, 1

 0, 0, 0

 210, 105, 105


 210, 105, 105


 210, 84, 84


 210, 126, 126


 210, 63, 63

 210, 147, 147

 210, 42, 42

 210, 168, 168

 210, 21, 21

 210, 189, 189

 210, 0, 0

 210, 210, 210

 210, 221, 231

 210, 231, 252

 210, 233, 255

Harmonies

Analogous

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



206, 103, 145



210, 105, 105



195, 143, 72

Triad

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



210, 105, 105



77, 142, 152



32, 101, 216

Complementary

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



210, 105, 105



105, 158, 210

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, 87, 201



210, 105, 105



0, 86, 156

Square

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



210, 105, 105



61, 144, 79



0, 81, 169



128, 129, 209

Rectangle

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



210, 105, 105



142, 176, 58



0, 81, 169



0, 87, 213

Sweetspot

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



210, 105, 105



255, 217, 217



210, 105, 210



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



210, 105, 105



255, 102, 102



208, 210, 105



105, 94, 94



168, 0, 0



41, 0, 0

Inverse Universe

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



105, 158, 210



102, 179, 255



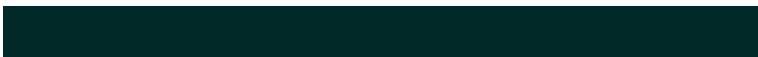
105, 140, 210



94, 100, 105



0, 84, 168



0, 21, 41

Previews

White Background



This preview shows how the RYB color 210, 105, 105 looks on a white background.

Color Contrast Check

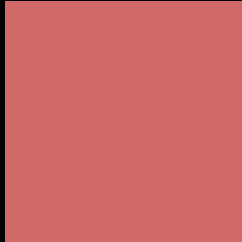
Large Text (above 18pt) WCAG AA ✓ Pass

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 210, 105, 105 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 210, 105, 105 Background



This preview shows how black text looks on a background with the RYB color 210, 105, 105.



This preview shows how white text looks on a background with the RYB color 210, 105, 105.

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
210, 105, 105

Protanopia
128, 143, 120

Deuteranopia
162, 162, 100



Tritanopia
210, 104, 111

Trichromacy



Original Color

210, 105, 105

Protanomaly

167, 127, 115

Deuteranomaly

179, 129, 102

Tritanomaly

210, 104, 109

Monochromacy



Original Color

210, 105, 105

Achromatopsia

136, 136, 136

Achromatomaly

163, 125, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 105, 105 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(210, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(210, 105, 105)  
}
```

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(210, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 105, 105) }
```

Border

The CSS property to change the border of an element to RYB 210, 105, 105 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(210, 105, 105) }
```

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

```
.border{ border-color:rgb(210, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(210, 105,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 210, 105, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 105, 105) }
```

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

```
.background{ background-color: rgb(210,  
105, 105) }
```

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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