

Converting Colors

`RYB(181, 14, 105)`

Have a look what the booklet for
RYB(181, 14, 105) contains.

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Color

R_YB(181, 14, 105)

Conversions

Conversions Part 1

Format	Color
Hex	B50E69
RGB	181, 14, 105
RGB Percent	71%, 5%, 41%
CMY	0.2902, 0.9451, 0.5882
CMYK	0.00, 0.92, 0.42, 0.29
HSL	327°, 86%, 38%
HSV	327°, 92%, 71%
XYZ	21.7629, 11.1578, 14.3712
YIQ	74.3070, 70.3210, 63.7050

Conversions

Conversions Part 2

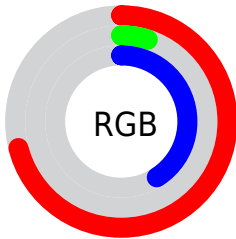
Format	Color
R_{YB}	181, 14, 105
Decimal	11865705
CIE Lab	39.84, 65.18, -5.55
CIE LCh	40, 65.413, 355.137
Yxy	11.1578, 0.4602, 0.2359
Android (android.graphics.Color)	4290055785 (0xFFB50E69)
YUV	74.3070, 15.1316, 93.5698
Hunter-Lab	33.4032, 57.8408, -2.1264

Details

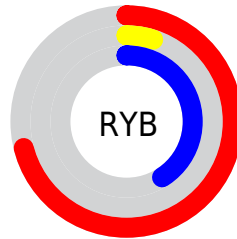
The RYB color **181, 14, 105** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **14, 129, 181**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **242, 87, 156**, and **122, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **181, 0, 99**, and if you desaturate by 10%, it is **181, 32, 113**.

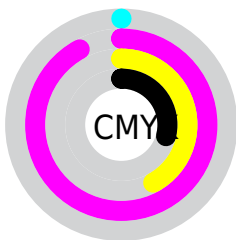
Distribution



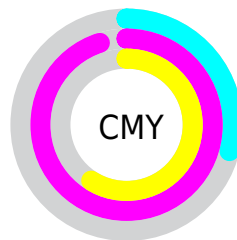
- Red (71%)
- Green (5%)
- Blue (41%)



- Red (71%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (92%)
- Yellow (42%)
- Black (29%)





- Cyan (29%)
- Magenta (95%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 14, 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 181, 14, 105 by changing the saturation by 10% instead.

 181, 14, 105

 181, 14, 105

255, 255, 255

 151, 0, 81

 242, 87, 156

 122, 0, 58

 255, 116, 183

 93, 0, 37

 255, 144, 211

 67, 0, 15


 255, 173, 239


 35, 0, 1


 255, 202, 255


 0, 0, 0


 255, 232, 255


 181, 14, 105


 181, 14, 105


 181, 0, 99


 181, 32, 113


 181, 50, 121


 181, 68, 130


 181, 86, 138

 181, 105, 146

 181, 123, 154

 181, 141, 163

 181, 159, 171

 181, 177, 179

Harmonies

Analogous

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



148, 52, 156



181, 14, 105



183, 29, 52

Triad

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



181, 14, 105



0, 104, 33



0, 70, 182

Complementary

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



181, 14, 105



14, 129, 181

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, 63, 138



181, 14, 105



0, 92, 112

Square

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



181, 14, 105



45, 122, 0



0, 68, 116



0, 69, 202

Rectangle

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



181, 14, 105



170, 65, 16



0, 68, 116



0, 68, 169

Sweetspot

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



181, 14, 105



235, 169, 205



89, 14, 181



117, 77, 99



245, 245, 245



117, 117, 117

Same Dimension

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



181, 14, 105



235, 0, 128



181, 14, 22



89, 80, 85



153, 0, 83



26, 0, 14

Inverse Universe

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



181, 14, 105



235, 0, 128



14, 100, 181



89, 80, 85



153, 0, 83



26, 0, 14

Previews

White Background



This preview shows how the RYB color 181, 14, 105 looks on a white 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

Black Background



This preview shows how the RYB color 181, 14, 105 looks on a black 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

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

RYB 181, 14, 105 Background



This preview shows how black text looks on a background with the RYB color 181, 14, 105.

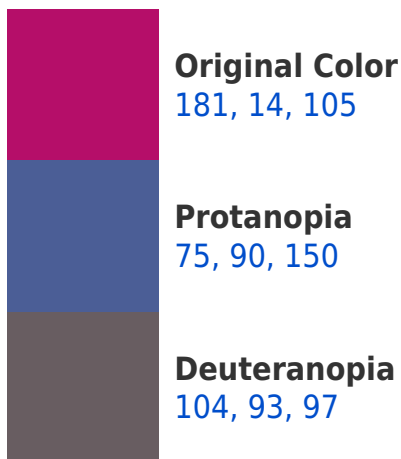


This preview shows how white text looks on a background with the RYB color 181, 14, 105.

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](#).

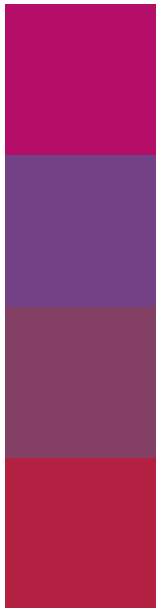
Dichromacy





Tritanopia
178, 43, 44

Trichromacy



Original Color
181, 14, 105

Protanomaly
114, 65, 134

Deuteranomaly
132, 64, 100

Tritanomaly
179, 32, 66

Monochromacy



Original Color
181, 14, 105

Achromatopsia
74, 74, 74

Achromatomaly
113, 52, 85

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 14, 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(181, 14, 105)` looks like.

```
.text, #text, p{  
    color:rgb(181, 14, 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(181, 14, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 14, 105) }
```

Border

The CSS property to change the border of an element to RYB 181, 14, 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(181, 14, 105) }
```

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

```
.border{ border-color:rgb(181, 14, 105) }
```

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

Here you see how a box with a 4 pixel rgb(181, 14, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 14, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 14, 105);  
box-shadow:4px 4px 4px 4px rgb(181, 14,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 181, 14, 105 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 14, 105) }
```

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

```
.background{ background-color: rgb(181, 14,  
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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