

Converting Colors

`RYB(178, 87, 105)`

Have a look what the booklet for
RYB(178, 87, 105) contains.

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Color

`RYB(178, 87, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	B25769
RGB	178, 87, 105
RGB Percent	70%, 34%, 41%
CMY	0.3020, 0.6588, 0.5882
CMYK	0.00, 0.51, 0.41, 0.30
HSL	348°, 37%, 52%
HSV	348°, 51%, 70%
XYZ	24.3181, 17.3013, 15.4224
YIQ	116.2610, 48.4580, 24.8900

Conversions

Conversions Part 2

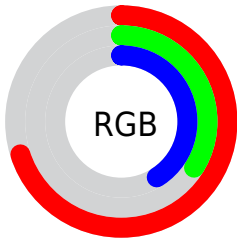
Format	Color
RYB	178, 87, 105
Decimal	11687785
CIELab	48.64, 38.81, 7.19
CIElCh	49, 39.470, 10.495
Yxy	17.3013, 0.4263, 0.3033
Android (android.graphics.Color)	4289877865 (0xFFB25769)
YUV	116.2610, -5.5517, 54.1451
Hunter-Lab	41.5948, 31.5677, 7.1330

Details

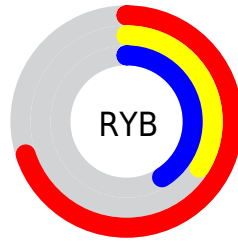
The RYB color **178, 87, 105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 137, 178**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **236, 139, 156**, and **122, 36, 58** is the 20% darker color. If you saturate the color by 10%, you get **178, 69, 91**, and if you desaturate by 10%, it is **178, 105, 119**.

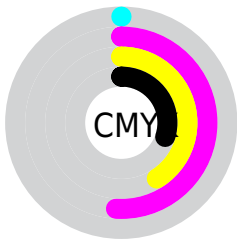
Distribution



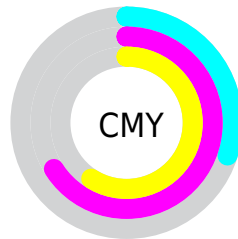
- Red (70%)
- Green (34%)
- Blue (41%)



- Red (70%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 87, 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 178, 87, 105 by changing the saturation by 10% instead.



178, 87, 105



178, 87, 105

255, 255, 255



150, 62, 81



236, 139, 156



122, 36, 58



255, 166, 183



95, 6, 37



255, 194, 210



68, 0, 16



255, 223, 239



45, 0, 1



255, 252, 255



0, 0, 0



178, 87, 105



178, 87, 105



178, 69, 91



178, 105, 119



178, 51, 76



178, 123, 134


 178, 34, 62

 178, 140, 148

 178, 16, 48

 178, 158, 162

 178, 0, 35

 178, 176, 176

 178, 187, 194

 178, 197, 212

 178, 206, 229

 178, 216, 247

Harmonies

Analogous

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



166, 90, 139



178, 87, 105



173, 99, 74

Triad

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



178, 87, 105



63, 126, 102



0, 73, 178

Complementary

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



178, 87, 105



87, 137, 178

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, 72, 158



178, 87, 105



34, 95, 131

Square

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



178, 87, 105



55, 124, 47



0, 67, 132



79, 106, 181

Rectangle

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



178, 87, 105



161, 135, 58



0, 67, 132



0, 73, 173

Sweetspot

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



178, 87, 105



232, 197, 204



160, 87, 178



117, 96, 100



245, 245, 245



117, 117, 117

Same Dimension

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



178, 87, 105



232, 90, 118



178, 125, 87



89, 80, 82



153, 0, 30



26, 0, 5

Inverse Universe

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



178, 87, 105



232, 90, 118



87, 125, 178



89, 80, 82



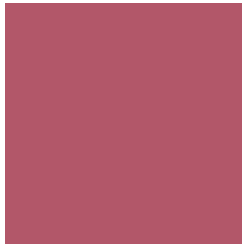
153, 0, 30



26, 0, 5

Previews

White Background



This preview shows how the RYB color 178, 87, 105 looks on a white background.

Color Contrast Check

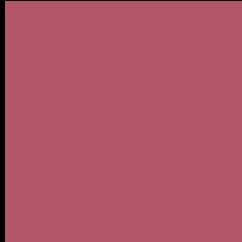
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 87, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

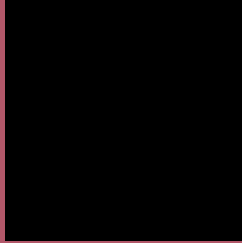
Any Text WCAG AA × Fail

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 178, 87, 105 Background



This preview shows how black text looks on a background with the RYB color 178, 87, 105.

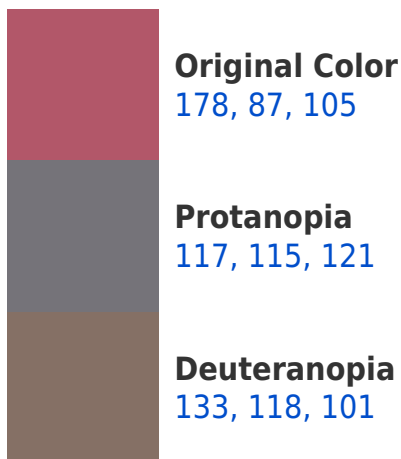



This preview shows how white text looks on a background with the RYB color 178, 87, 105.

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
177, 89, 95

Trichromacy



Original Color

178, 87, 105

Protanomaly

139, 105, 115

Deuteranomaly

149, 103, 102

Tritanomaly

177, 88, 99

Monochromacy



Original Color

178, 87, 105

Achromatopsia

116, 116, 116

Achromatomaly

139, 105, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 87, 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(178, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(178, 87, 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(178, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 87, 105) }
```

Border

The CSS property to change the border of an element to RYB 178, 87, 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(178, 87, 105) }
```

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

```
.border{ border-color:rgb(178, 87, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 87, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(178, 87,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 178, 87, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 87, 105) }
```

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

```
.background{ background-color: rgb(178, 87,  
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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