

Converting Colors

`RYB(178, 105, 113)`

Have a look what the booklet for
RYB(178, 105, 113) contains.

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Color

R_YB(178, 105, 113)

Conversions

Conversions Part 1

Format	Color
Hex	B26971
RGB	178, 105, 113
RGB Percent	70%, 41%, 44%
CMY	0.3020, 0.5882, 0.5569
CMYK	0.00, 0.41, 0.37, 0.30
HSL	353°, 32%, 55%
HSV	353°, 41%, 70%
XYZ	26.3923, 20.7604, 18.2389
YIQ	127.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

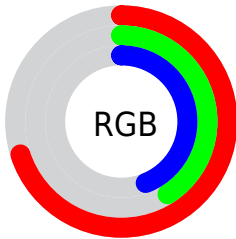
Format	Color
R_{YB}	178, 105, 113
Decimal	11692401
CIE _{Lab}	52.69, 30.14, 8.18
CIE _{LCh}	53, 31.227, 15.177
Yxy	20.7604, 0.4036, 0.3175
Android (android.graphics.Color)	4289882481 (0xFFB26971)
YUV	127.7390, -7.2663, 44.0789
Hunter-Lab	45.5636, 23.6584, 8.1609

Details

The RYB color **178, 105, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 144, 178**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **236, 157, 165**, and **123, 56, 65** is the 20% darker color. If you saturate the color by 10%, you get **178, 87, 97**, and if you desaturate by 10%, it is **178, 123, 129**.

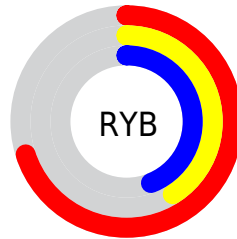
Distribution



Red (70%)

Green (41%)

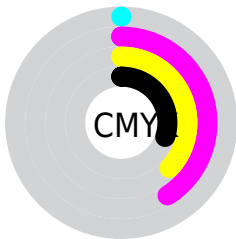
Blue (44%)



Red (70%)

Yellow (41%)

Blue (44%)

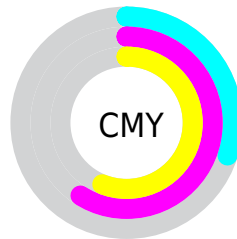


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 105, 113 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, 105, 113 by changing the saturation by 10% instead.

 178, 105, 113

255, 255, 255

 236, 157, 165

 255, 185, 192

 255, 213, 220

 255, 241, 248

 178, 105, 113

 150, 80, 89

 123, 56, 65

 96, 32, 43

 70, 6, 23

 47, 0, 0

 0, 0, 0


 178, 105, 113

 178, 87, 97

 178, 69, 81

 178, 105, 113


 178, 123, 129

 178, 141, 145


 178, 52, 65

 178, 158, 161

 178, 34, 50

 178, 176, 176

 178, 16, 34

 178, 187, 194

 178, 0, 20

 178, 196, 212

 178, 206, 230

 178, 214, 247

 178, 217, 255

Harmonies

Analogous

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



170, 106, 140



178, 105, 113



172, 117, 89

Triad

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



178, 105, 113



87, 135, 122



61, 105, 177

Complementary

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



178, 105, 113



105, 144, 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, 75, 163



178, 105, 113



65, 111, 139

Square

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



178, 105, 113



75, 130, 73



19, 80, 140



109, 121, 177

Rectangle

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



178, 105, 113



162, 147, 78



19, 80, 140



43, 97, 174

Sweetspot

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



178, 105, 113



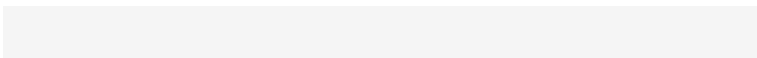
232, 204, 207



169, 105, 178



117, 101, 103



245, 245, 245



117, 117, 117

Same Dimension

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



178, 105, 113



232, 118, 131



178, 150, 105



89, 80, 81



153, 0, 17



26, 0, 3

Inverse Universe

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



178, 105, 113



232, 118, 131



105, 133, 178



89, 80, 81



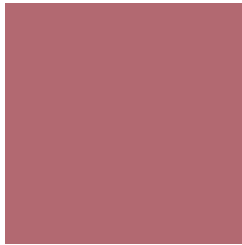
153, 0, 17



26, 0, 3

Previews

White Background



This preview shows how the RYB color 178, 105, 113 looks on a white background.

Color Contrast Check

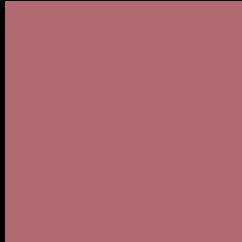
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 105, 113 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 178, 105, 113 Background



This preview shows how black text looks on a background with the RYB color 178, 105, 113.



This preview shows how white text looks on a background with the RYB color 178, 105, 113.

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
178, 105, 113

Protanopia
129, 127, 124

Deuteranopia
144, 129, 110



Tritanopia
178, 105, 113

Trichromacy



Original Color
178, 105, 113

Protanomaly
147, 118, 120

Deuteranomaly
156, 117, 111

Tritanomaly
178, 105, 113

Monochromacy



Original Color
178, 105, 113

Achromatopsia
128, 128, 128

Achromatomaly
146, 120, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 105, 113 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, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(178, 105, 113)  
}
```

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, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 105, 113) }
```

Border

The CSS property to change the border of an element to RYB 178, 105, 113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

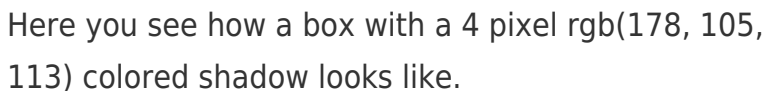
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 105, 113) }
```

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

```
.border{ border-color:rgb(178, 105, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 105, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 105, 113); box-shadow:4px 4px 4px 4px rgb(178, 105, 113) }
```

Background

The CSS property to change the background color of an element to RYB 178, 105, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 105, 113) }
```

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

```
.background{ background-color: rgb(178,  
105, 113) }
```

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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