

Converting Colors

`RYB(207, 19, 87)`

Have a look what the booklet for
RYB(207, 19, 87) contains.

RYB(207, 19, 87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(207, 19, 87)

Conversions

Conversions Part 1

Format	Color
Hex	CF1357
RGB	207, 19, 87
RGB Percent	81%, 7%, 34%
CMY	0.1882, 0.9255, 0.6588
CMYK	0.00, 0.91, 0.58, 0.19
HSL	338°, 83%, 44%
HSV	338°, 91%, 81%
XYZ	27.6853, 14.4193, 10.3408
YIQ	82.9640, 90.2200, 61.0040

Conversions

Conversions Part 2

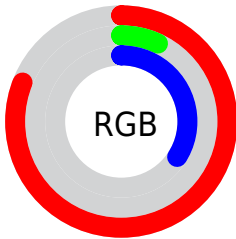
Format	Color
R_{YB}	207, 19, 87
Decimal	13570903
CIE Lab	44.83, 69.25, 13.63
CIE LCh	45, 70.579, 11.133
Yxy	14.4193, 0.5279, 0.2749
Android (android.graphics.Color)	4291760983 (0xFFCF1357)
YUV	82.9640, 1.9897, 108.7796
Hunter-Lab	37.9727, 63.6893, 10.4349

Details

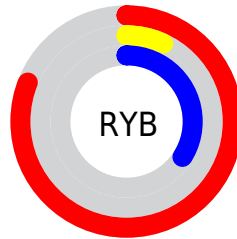
The RYB color **207, 19, 87** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **19, 134, 207**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **255, 93, 136**, and **145, 0, 43** is the 20% darker color. If you saturate the color by 10%, you get **207, 0, 75**, and if you desaturate by 10%, it is **207, 40, 100**.

Distribution



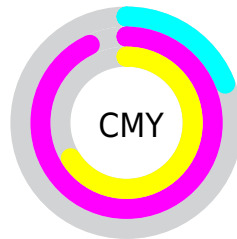
- Red (81%)
- Green (7%)
- Blue (34%)



- Red (81%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (91%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 19, 87 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 207, 19, 87 by changing the saturation by 10% instead.



207, 19, 87



207, 19, 87

255, 255, 255



176, 0, 64



255, 93, 136



145, 0, 43



255, 123, 163



115, 0, 23



255, 152, 189



85, 0, 2



255, 181, 217



55, 0, 2



255, 211, 246



10, 0, 0



255, 240, 255



0, 0, 0



207, 19, 87




207, 19, 87




207, 0, 75





207, 40, 100


 207, 60, 113


 207, 81, 127

 207, 102, 140

 207, 122, 153

 207, 143, 166

 207, 164, 179

 207, 185, 193

 207, 205, 206

Harmonies

Analogous

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



190, 39, 145



207, 19, 87



194, 63, 29

Triad

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



207, 19, 87



0, 123, 88



0, 79, 218

Complementary

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



207, 19, 87



19, 134, 207

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, 76, 183



207, 19, 87



0, 86, 129

Square

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



207, 19, 87



0, 111, 2



0, 67, 131



0, 72, 223

Rectangle

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



207, 19, 87



172, 150, 0



0, 67, 131



0, 79, 210

Sweetspot

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



207, 19, 87



255, 186, 211



138, 19, 207



128, 87, 101



0, 0, 0



128, 128, 128

Same Dimension

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



207, 19, 87



255, 0, 92



207, 48, 19



105, 94, 98



168, 0, 61



41, 0, 15

Inverse Universe

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



207, 19, 87



255, 0, 92



19, 106, 207



105, 94, 98



168, 0, 61



41, 0, 15

Previews

White Background



This preview shows how the RYB color 207, 19, 87 looks on a white background.

Color Contrast Check

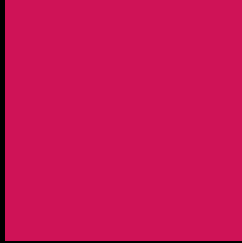
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 19, 87 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 207, 19, 87 Background



This preview shows how black text looks on a background with the RYB color 207, 19, 87.



This preview shows how white text looks on a background with the RYB color 207, 19, 87.

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
205, 38, 37

Trichromacy



Original Color

207, 19, 87



Protanomaly

141, 75, 111



Deuteranomaly

156, 72, 81



Tritanomaly

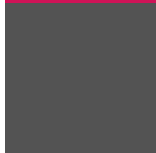
206, 31, 55

Monochromacy



Original Color

207, 19, 87



Achromatopsia

83, 83, 83



Achromatomaly

128, 60, 84

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 19, 87 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(207, 19, 87)` looks like.

```
.text, #text, p{  
    color:rgb(207, 19, 87)  
}
```

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(207, 19, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 19, 87) }
```

Border

The CSS property to change the border of an element to RYB 207, 19, 87 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(207, 19, 87) }
```

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

```
.border{ border-color:rgb(207, 19, 87) }
```

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

Here you see how a box with a 4 pixel rgb(207, 19, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 19, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 19, 87);  
box-shadow:4px 4px 4px 4px rgb(207, 19,  
87) }
```

Background

The CSS property to change the background color of an element to RGB 207, 19, 87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 19, 87) }
```

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

```
.background{ background-color: rgb(207, 19,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor