

Converting Colors

`RYB(190, 7, 190)`

Have a look what the booklet for
RYB(190, 7, 190) contains.

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Color

R_YB(190, 7, 190)

Conversions

Conversions Part 1

Format	Color
Hex	BE07BE
RGB	190, 7, 190
RGB Percent	75%, 3%, 75%
CMY	0.2549, 0.9725, 0.2549
CMYK	0.00, 0.96, 0.00, 0.25
HSL	300°, 93%, 39%
HSV	300°, 96%, 75%
XYZ	30.6054, 14.8168, 49.9620
YIQ	82.5790, 50.3250, 95.7090

Conversions

Conversions Part 2

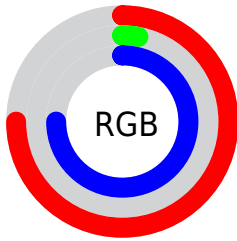
Format	Color
R_{YB}	190, 7, 190
Decimal	12453822
CIE _{Lab}	45.38, 78.13, -48.43
CIE _{LCh}	45, 91.921, 328.206
Yxy	14.8168, 0.3209, 0.1553
Android (android.graphics.Color)	4290643902 (0xFFBE07BE)
YUV	82.5790, 52.9586, 94.2082
Hunter-Lab	38.4926, 74.5631, -50.0115

Details

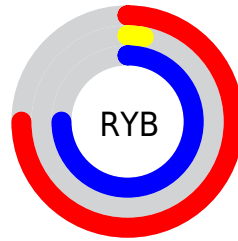
The RYB color **190, 7, 190** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **7, 190, 190**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **250, 91, 247**, and **132, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **190, 0, 190**, and if you desaturate by 10%, it is **190, 26, 190**.

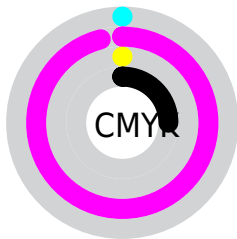
Distribution



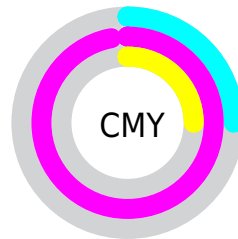
- Red (75%)
- Green (3%)
- Blue (75%)



- Red (75%)
- Yellow (3%)
- Blue (75%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (97%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 190, 7, 190 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 190, 7, 190 by changing the saturation by 10% instead.

 190, 7, 190

 190, 7, 190

255, 255, 255

 161, 0, 162

 250, 91, 247

 132, 0, 136

 255, 121, 255

 103, 0, 110


 255, 151, 255

 75, 0, 85

 255, 180, 255

 48, 0, 61

 255, 210, 255

 10, 0, 38

 255, 240, 255

 0, 1, 14

 0, 0, 0

 190, 7, 190

 190, 7, 190

■ 190, 0, 190

■ 190, 26, 190

■ 190, 45, 190

■ 190, 64, 190

■ 190, 83, 190

■ 190, 102, 190

■ 190, 121, 190

■ 190, 140, 190

■ 190, 159, 190

■ 190, 178, 190

Harmonies

Analogous

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



63, 86, 246



190, 7, 190



231, 0, 116

Triad

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



190, 7, 190



42, 135, 0



0, 78, 179

Complementary

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



190, 7, 190



7, 190, 190

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, 78, 136



190, 7, 190



0, 123, 68

Square

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



190, 7, 190



192, 96, 0



0, 132, 132



0, 86, 240

Rectangle

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



190, 7, 190



233, 0, 66



0, 132, 132



0, 73, 154

Sweetspot

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



190, 7, 190



247, 176, 247



7, 7, 190



125, 81, 125



252, 252, 252



125, 125, 125

Same Dimension

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



190, 7, 190



247, 0, 247



190, 7, 98



94, 85, 94



158, 0, 158



31, 0, 31

Inverse Universe

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



190, 7, 190



247, 0, 247



7, 129, 190



94, 85, 94



158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RYB color 190, 7, 190 looks on a white background.

Color Contrast Check

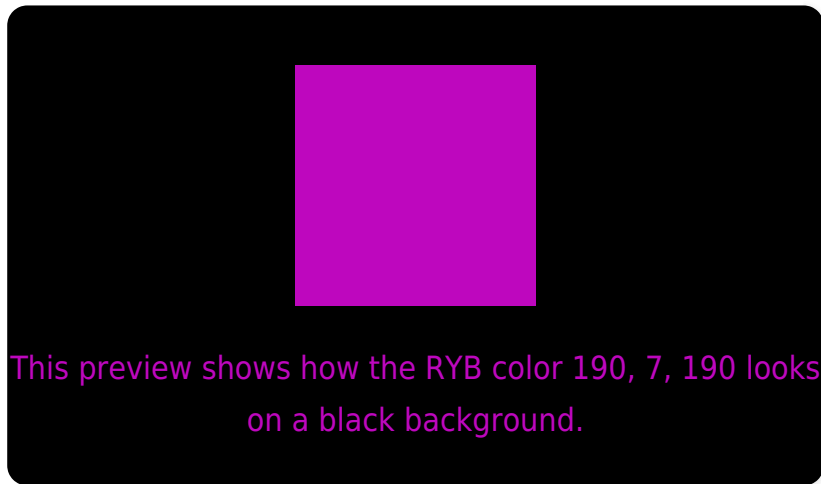
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

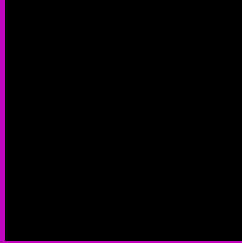
Any Text WCAG AA × Fail

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](#).

R Y B 190, 7, 190 Background



This preview shows how black text looks on a background with the R Y B color 190, 7, 190.

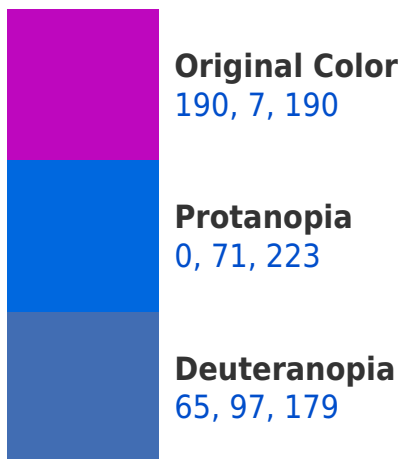


This preview shows how white text looks on a background with the R Y B color 190, 7, 190.

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, 75, 80

Trichromacy



Original Color

190, 7, 190



Protanomaly

69, 69, 211



Deuteranomaly

110, 73, 183



Tritanomaly

182, 50, 120

Monochromacy



Original Color

190, 7, 190



Achromatopsia

83, 83, 83



Achromatomaly

122, 55, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 7, 190 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(190, 7, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 7, 190)  
}
```

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(190, 7, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 7, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 7, 190 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(190, 7, 190) }
```

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

```
.border{ border-color:rgb(190, 7, 190) }
```

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

Here you see how a box with a 4 pixel rgb(190, 7, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 7, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 7, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 7,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 190, 7, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 7, 190) }
```

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

```
.background{ background-color: rgb(190, 7,  
190) }
```

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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