

Converting Colors

`RYB(92, 31, 207)`

Have a look what the booklet for
RYB(92, 31, 207) contains.

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Color

R_YB(92, 31, 207)

Conversions

Conversions Part 1

Format	Color
Hex	5C1FCF
RGB	92, 31, 207
RGB Percent	36%, 12%, 81%
CMY	0.6392, 0.8784, 0.1882
CMYK	0.56, 0.85, 0.00, 0.19
HSL	261°, 74%, 47%
HSV	261°, 85%, 81%
XYZ	16.1661, 7.7603, 59.6773
YIQ	69.3030, -20.1400, 67.6680

Conversions

Conversions Part 2

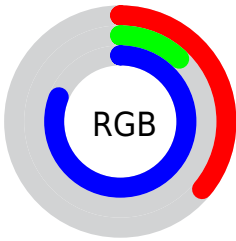
Format	Color
R_{YB}	92, 31, 207
Decimal	6037455
CIE _{Lab}	33.48, 63.76, -78.37
CIE _{LCh}	33, 101.027, 309.132
Yxy	7.7603, 0.1934, 0.0928
Android (android.graphics.Color)	4284227535 (0xFF5C1FCF)
YUV	69.3030, 67.8846, 19.9053
Hunter-Lab	27.8573, 54.8367, -107.5141

Details

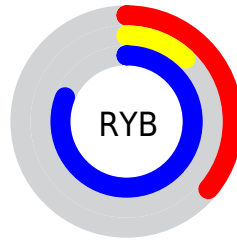
The RYB color **92, 31, 207** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **31, 207, 92**, and the grayscale version is **69, 69, 69**.

A 20% lighter version of the original color is **154, 86, 255**, and **0, 0, 151** is the 20% darker color. If you saturate the color by 10%, you get **78, 10, 207**, and if you desaturate by 10%, it is **106, 52, 207**.

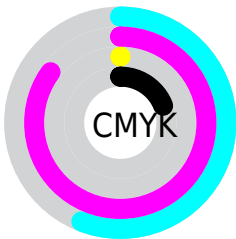
Distribution



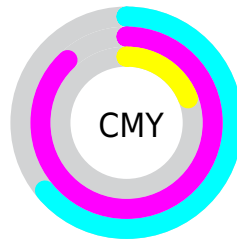
- Red (36%)
- Green (12%)
- Blue (81%)



- Red (36%)
- Yellow (12%)
- Blue (81%)



- Cyan (56%)
- Magenta (85%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (88%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 31, 207 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 92, 31, 207 by changing the saturation by 10% instead.



92, 31, 207



92, 31, 207

255, 255, 255



58, 0, 179



154, 86, 255



0, 0, 151



184, 113, 255



0, 0, 124



215, 140, 255



0, 0, 98



245, 168, 255



0, 8, 73



255, 196, 255



0, 4, 50



255, 225, 255



0, 1, 28



255, 254, 255



0, 0, 0



92, 31, 207



92, 31, 207

■ 78, 10, 207

■ 106, 52, 207

■ 72, 0, 207

■ 119, 72, 207

■ 133, 93, 207

■ 146, 114, 207

■ 160, 135, 207

■ 173, 155, 207

■ 187, 176, 207

■ 200, 197, 207

■ 207, 217, 210

Harmonies

Analogous

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



0, 64, 244



92, 31, 207



184, 0, 138

Triad

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



92, 31, 207



140, 78, 0



0, 53, 105

Complementary

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



92, 31, 207



31, 207, 92

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, 95, 102



92, 31, 207



0, 84, 9

Square

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



92, 31, 207



186, 0, 0



0, 98, 98



0, 67, 181

Rectangle

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



92, 31, 207



204, 0, 85



0, 98, 98



0, 61, 104

Sweetspot

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



92, 31, 207



212, 189, 255



31, 101, 207



102, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 31, 207



88, 0, 255



178, 31, 207



98, 94, 105



58, 0, 168



14, 0, 41

Inverse Universe

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



207, 31, 146



255, 0, 167



31, 207, 178



105, 94, 101



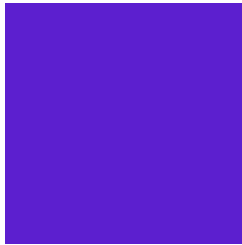
168, 0, 110



41, 0, 27

Previews

White Background



This preview shows how the RYB color 92, 31, 207 looks on a white background.

Color Contrast Check

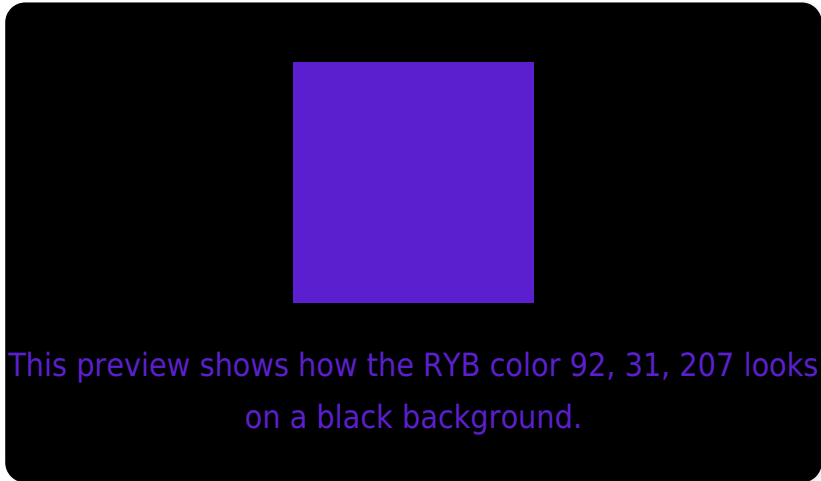
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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_YB 92, 31, 207 Background



This preview shows how black text looks on a background with the R_YB color 92, 31, 207.

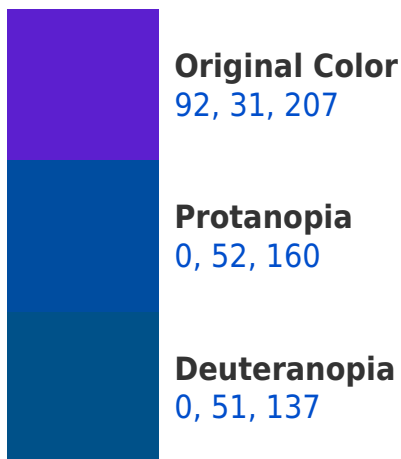


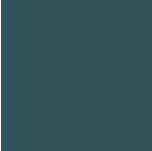
This preview shows how white text looks on a background with the R_YB color 92, 31, 207.

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
51, 69, 91

Trichromacy



Original Color
92, 31, 207

Protanomaly
33, 56, 177

Deuteranomaly
33, 57, 162

Tritanomaly
66, 65, 133

Monochromacy



Original Color
92, 31, 207

Achromatopsia
69, 69, 69

Achromatomaly
77, 55, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 31, 207 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(92, 31, 207)` looks like.

```
.text, #text, p{  
    color:rgb(92, 31, 207)  
}
```

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(92, 31, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 31, 207) }
```

Border

The CSS property to change the border of an element to RYB 92, 31, 207 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(92, 31, 207) }
```

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

```
.border{ border-color:rgb(92, 31, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 31, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 31, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 31, 207);  
box-shadow:4px 4px 4px 4px rgb(92, 31,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 92, 31, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 31, 207) }
```

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

```
.background{ background-color: rgb(92, 31,  
207) }
```

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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