

Converting Colors

`RYB(150, 110, 205)`

Have a look what the booklet for
RYB(150, 110, 205) contains.

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Color

R_YB(150, 110, 205)

Conversions

Conversions Part 1

Format	Color
Hex	966ECD
RGB	150, 110, 205
RGB Percent	59%, 43%, 80%
CMY	0.4118, 0.5686, 0.1961
CMYK	0.27, 0.46, 0.00, 0.20
HSL	265°, 49%, 62%
HSV	265°, 46%, 80%
XYZ	29.1731, 22.0437, 60.4749
YIQ	132.7900, -6.6550, 38.0250

Conversions

Conversions Part 2

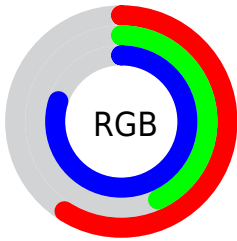
Format	Color
RYB	150, 110, 205
Decimal	9858765
CIELab	54.07, 35.24, -43.58
CIELCh	54, 56.045, 308.954
Yxy	22.0437, 0.2612, 0.1974
Android (android.graphics.Color)	4288048845 (0xFF966ECD)
YUV	132.7900, 35.5995, 15.0932
Hunter-Lab	46.9507, 28.7482, -43.5031

Details

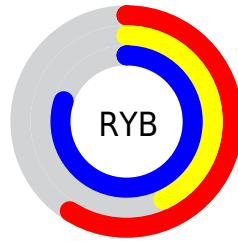
The RYB color **150, 110, 205** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **110, 205, 150**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **206, 162, 255**, and **96, 61, 150** is the 20% darker color. If you saturate the color by 10%, you get **138, 90, 205**, and if you desaturate by 10%, it is **162, 131, 205**.

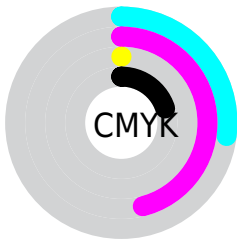
Distribution



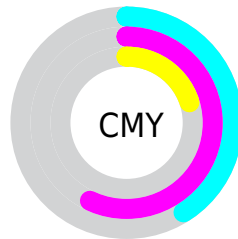
- Red (59%)
- Green (43%)
- Blue (80%)



- Red (59%)
- Yellow (43%)
- Blue (80%)



- Cyan (27%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)





- Cyan (41%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 110, 205 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 150, 110, 205 by changing the saturation by 10% instead.

 150, 110, 205

 150, 110, 205


255, 255, 255

 123, 85, 177

 206, 162, 255

 96, 61, 150

 235, 190, 255

 70, 38, 124

 255, 218, 255

 43, 15, 98


 255, 246, 255


 16, 0, 74


 0, 0, 51

 0, 2, 29


 0, 0, 0

 150, 110, 205

 150, 110, 205

 138, 90, 205


 162, 131, 205

 126, 69, 205


 174, 151, 205

 114, 49, 205


 186, 172, 205

 103, 28, 205

 197, 192, 205

 91, 8, 205

 205, 213, 209

 86, 0, 205

 205, 233, 217

 205, 254, 226

 205, 255, 215

 205, 255, 205

Harmonies

Analogous

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



48, 104, 225



150, 110, 205



198, 90, 165

Triad

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



150, 110, 205



155, 181, 33



0, 78, 152

Complementary

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



150, 110, 205



110, 205, 150

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, 93, 150



150, 110, 205



27, 140, 18

Square

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



150, 110, 205



209, 99, 71



48, 143, 103



0, 84, 189

Rectangle

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



150, 110, 205



214, 83, 133



48, 143, 103



0, 83, 152

Sweetspot

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



150, 110, 205



234, 219, 255



110, 145, 205



115, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 110, 205



172, 112, 255



197, 110, 205



96, 92, 102



70, 0, 166



16, 0, 38

Inverse Universe

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



205, 110, 165



255, 112, 195



110, 205, 197



102, 92, 98



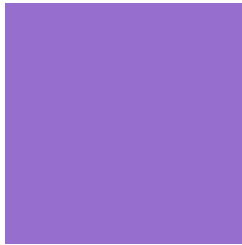
166, 0, 96



38, 0, 22

Previews

White Background



This preview shows how the RYB color 150, 110, 205 looks on a white background.

Color Contrast Check

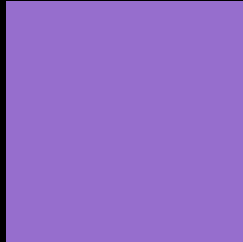
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 110, 205 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 150, 110, 205 Background



This preview shows how black text looks on a background with the RYB color 150, 110, 205.

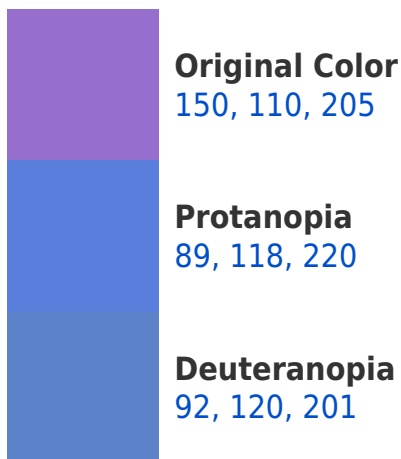


This preview shows how white text looks on a background with the RYB color 150, 110, 205.

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
137, 126, 136

Trichromacy



Original Color
150, 110, 205

Protanomaly
111, 119, 215

Deuteranomaly
113, 121, 202

Tritanomaly
142, 120, 161

Monochromacy



Original Color
150, 110, 205

Achromatopsia
133, 133, 133

Achromatomaly
139, 125, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 110, 205 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(150, 110, 205)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 205)  
}
```

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(150, 110, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 205) }
```

Border

The CSS property to change the border of an element to RYB 150, 110, 205 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(150, 110, 205) }
```

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

```
.border{ border-color:rgb(150, 110, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 205);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 150, 110, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 205) }
```

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

```
.background{ background-color: rgb(150,  
110, 205) }
```

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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