

Converting Colors

`RYB(105, 166, 243)`

Have a look what the booklet for RYB(105, 166, 243) contains.

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Color

$\text{RYB}(105, 166, 243)$

Conversions

Conversions Part 1

Format	Color
Hex	69D6F3
RGB	105, 214, 243
RGB Percent	41%, 84%, 95%
CMY	0.5882, 0.1595, 0.0471
CMYK	0.57, 0.12, 0.00, 0.05
HSL	192°, 85%, 68%
HSV	192°, 57%, 95%
XYZ	46.1322, 57.7320, 93.5060
YIQ	184.7150, -74.2730, -14.0890

Conversions

Conversions Part 2

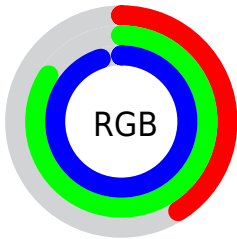
Format	Color
RYB	105, 166, 243
Decimal	6936307
CIELab	80.59, -23.40, -23.57
CIElCh	81, 33.209, 225.213
Yxy	57.7320, 0.2337, 0.2925
Android (android.graphics.Color)	4285126387 (0xFF69D6F3)
YUV	184.7150, 28.7345, -69.9101
Hunter-Lab	75.9816, -24.5915, -19.7776

Details

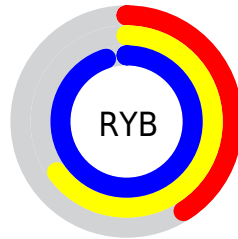
The RYB color **105, 166, 243** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **243, 142, 105**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **166, 211, 255**, and **30, 101, 187** is the 20% darker color. If you saturate the color by 10%, you get **81, 153, 243**, and if you desaturate by 10%, it is **129, 179, 243**.

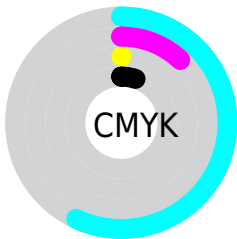
Distribution



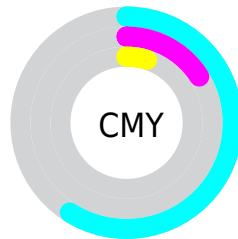
- Red (41%)
- Green (84%)
- Blue (95%)



- Red (41%)
- Yellow (65%)
- Blue (95%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 166, 243 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 105, 166, 243 by changing the saturation by 10% instead.

 105, 166, 243


255, 255, 255

 166, 211, 255

 196, 226, 255

 226, 241, 255

 105, 166, 243

 72, 135, 215

 30, 101, 187

 0, 73, 160

 0, 60, 134

 0, 47, 108

 0, 35, 84

 0, 23, 61

 0, 6, 39

 0, 1, 17

■ 105, 166, 243

■ 105, 166, 243

■ 81, 153, 243

■ 129, 179, 243

■ 56, 139, 243

■ 154, 193, 243

■ 32, 125, 243

■ 178, 207, 243

■ 8, 112, 243

■ 202, 220, 243

■ 0, 108, 243

■ 226, 234, 243

■ 251, 246, 243

■ 252, 255, 243

■ 243, 255, 243

Harmonies

Analogous

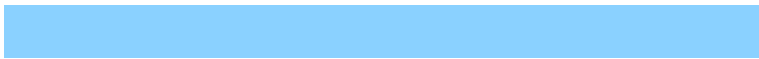
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



107, 163, 217



105, 166, 243



138, 182, 255

Triad

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



105, 166, 243



252, 179, 217



143, 206, 140

Complementary

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



105, 166, 243



243, 142, 105

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.



218, 236, 140



105, 166, 243



255, 177, 185

Square

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



105, 166, 243



224, 187, 244



255, 192, 157



155, 211, 195

Rectangle

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



105, 166, 243



168, 192, 255



255, 192, 157



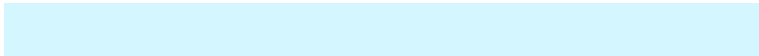
160, 217, 138

Sweetspot

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



105, 166, 243



212, 231, 255



105, 220, 243



102, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 166, 243



82, 158, 255



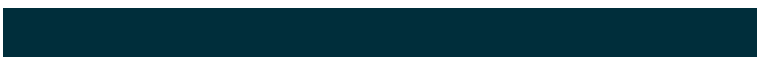
105, 137, 243



110, 115, 122



0, 82, 186



0, 26, 59

Inverse Universe

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



243, 105, 214



255, 82, 219



163, 243, 105



122, 110, 120



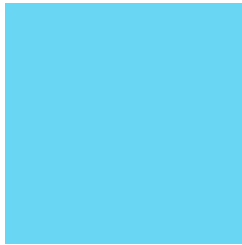
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RYB color 105, 166, 243 looks on a white background.

Color Contrast Check

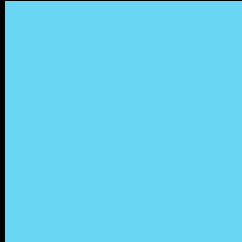
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 105, 166, 243 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 105, 166, 243 Background



This preview shows how black text looks on a background with the RYB color 105, 166, 243.

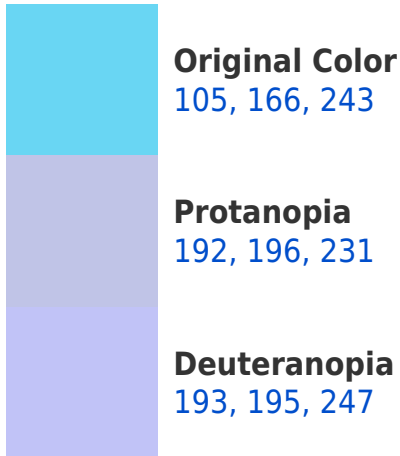



This preview shows how white text looks on a background with the RYB color 105, 166, 243.

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



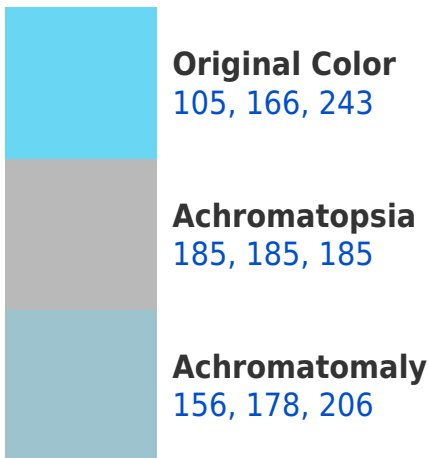


Tritanopia
101, 162, 233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 166, 243 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(105, 214, 243)` looks like.

```
.text, #text, p{  
    color:rgb(105, 214, 243)  
}
```

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(105, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 214, 243) }
```

Border

The CSS property to change the border of an element to RYB 105, 166, 243 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(105, 214, 243) }
```

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

```
.border{ border-color:rgb(105, 214, 243) }
```

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

Here you see how a box with a 4 pixel rgb(105, 214, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(105, 214,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 105, 166, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 214, 243) }
```

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

```
.background{ background-color: rgb(105,  
214, 243) }
```

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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