

Converting Colors

`RYB(95, 200, 240)`

Have a look what the booklet for
RYB(95, 200, 240) contains.

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Color

RYB(95, 200, 240)

Conversions

Conversions Part 1

Format	Color
Hex	5FF096
RGB	95, 240, 150
RGB Percent	37%, 94%, 59%
CMY	0.6275, 0.0588, 0.4108
CMYK	0.60, 0.00, 0.37, 0.06
HSL	143°, 83%, 66%
HSV	143°, 60%, 94%
XYZ	41.4036, 66.9628, 39.6977
YIQ	186.3850, -57.5300, -58.7300

Conversions

Conversions Part 2

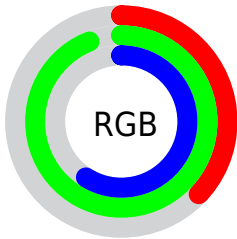
Format	Color
R _Y B	95, 200, 240
Decimal	6287510
CIE Lab	85.49, -58.41, 32.10
CIE LCh	85, 66.647, 151.211
Yxy	66.9628, 0.2796, 0.4523
Android (android.graphics.Color)	4284477590 (0xFF5FF096)
YUV	186.3850, -17.9378, -80.1446
Hunter-Lab	81.8308, -52.8889, 28.5188

Details

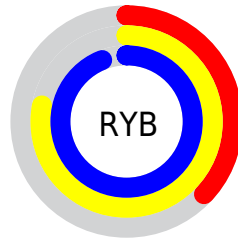
The RYB color **95, 200, 240** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **240, 95, 185**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **157, 223, 255**, and **0, 119, 183** is the 20% darker color. If you saturate the color by 10%, you get **71, 194, 240**, and if you desaturate by 10%, it is **119, 207, 240**.

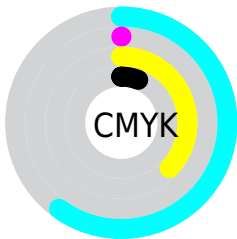
Distribution



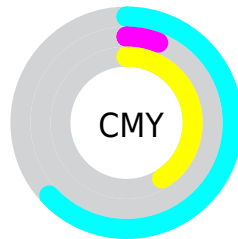
- Red (37%)
- Green (94%)
- Blue (59%)



- Red (37%)
- Yellow (78%)
- Blue (94%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (6%)













- Cyan (63%)
- Magenta (6%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 95, 200, 240 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 95, 200, 240 by changing the saturation by 10% instead.


 95, 200, 240	 95, 200, 240
 255, 255, 255	 60, 166, 211
 157, 223, 255	 0, 119, 183
 187, 228, 255	 0, 105, 155
 218, 237, 255	 0, 92, 128
 248, 252, 255	 0, 81, 102
	 0, 76, 77
	 0, 53, 53
	 0, 28, 28
	 0, 0, 0

 95, 200, 240


 95, 200, 240

 71, 194, 240

 119, 207, 240


 47, 187, 240

 143, 213, 240

 23, 180, 240

 167, 220, 240

 0, 174, 240

 191, 226, 240

 215, 233, 240

 239, 240, 240

 255, 240, 254

 255, 240, 255

Harmonies

Analogous

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



100, 229, 146



95, 200, 240



0, 131, 245

Triad

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



95, 200, 240



87, 161, 255



255, 168, 152

Complementary

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



95, 200, 240



240, 95, 185

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.



255, 158, 214



95, 200, 240



220, 196, 255

Square

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



95, 200, 240



0, 123, 255



255, 171, 255



223, 255, 103

Rectangle

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



95, 200, 240



0, 125, 255



255, 171, 255



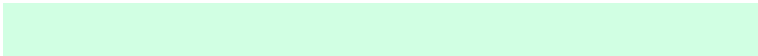
255, 161, 172

Sweetspot

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



95, 200, 240



209, 242, 255



95, 240, 148



99, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 200, 240



69, 204, 255



95, 173, 240



108, 117, 120



0, 133, 184



0, 41, 56

Inverse Universe

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



240, 95, 185



255, 69, 184



240, 95, 114



120, 108, 115



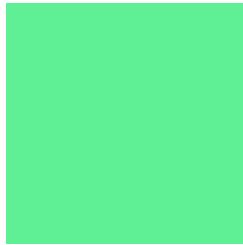
184, 0, 114



56, 0, 35

Previews

White Background



This preview shows how the RYB color 95, 200, 240 looks on a white background.

Color Contrast Check

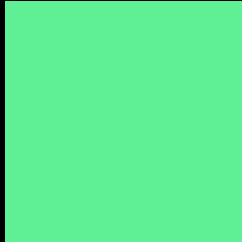
Large Text (above 18pt) WCAG AA × Fail

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 95, 200, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

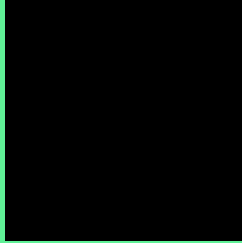
Any Text WCAG AA ✓ Pass

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](#).

R Y B 95, 200, 240 Background



This preview shows how black text looks on a background with the RYB color 95, 200, 240.

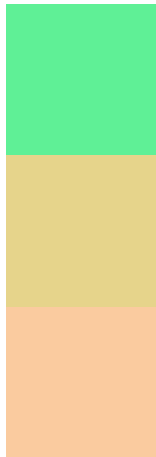


This preview shows how white text looks on a background with the RYB color 95, 200, 240.

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



Original Color
95, 200, 240

Protanopia
161, 230, 139

Deuteranopia
250, 244, 159



Tritanopia
124, 180, 247

Trichromacy



Original Color

95, 200, 240



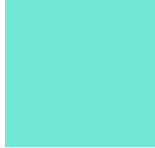
Protanomaly

143, 222, 184



Deuteranomaly

156, 216, 178



Tritanomaly

113, 178, 232

Monochromacy



Original Color

95, 200, 240



Achromatopsia

186, 186, 186



Achromatomaly

153, 191, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 200, 240 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(95, 240, 150)` looks like.

```
.text, #text, p{  
    color:rgb(95, 240, 150)  
}
```

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(95, 240, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 240, 150) }
```

Border

The CSS property to change the border of an element to RYB 95, 200, 240 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(95, 240, 150) }
```

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

```
.border{ border-color:rgb(95, 240, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 240, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 240, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 240, 150);  
box-shadow:4px 4px 4px 4px rgb(95, 240,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 95, 200, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 240, 150) }
```

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

```
.background{ background-color: rgb(95, 240,  
150) }
```

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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