

Converting Colors

`RYB(124, 190, 241)`

Have a look what the booklet for
RYB(124, 190, 241) contains.

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Color

R_YB(124, 190, 241)

Conversions

Conversions Part 1

Format	Color
Hex	7CF1D6
RGB	124, 241, 214
RGB Percent	49%, 95%, 84%
CMY	0.5137, 0.0549, 0.1592
CMYK	0.49, 0.00, 0.11, 0.05
HSL	166°, 81%, 72%
HSV	166°, 49%, 95%
XYZ	51.9574, 72.0717, 75.0654
YIQ	202.9390, -61.0650, -33.2010

Conversions

Conversions Part 2

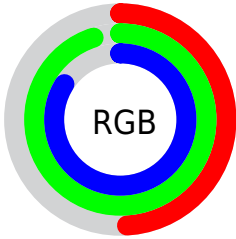
Format	Color
RYB	124, 190, 241
Decimal	8188374
CIELab	88.00, -39.46, 2.63
CIELCh	88, 39.550, 176.180
Yxy	72.0717, 0.2610, 0.3620
Android (android.graphics.Color)	4286378454 (0xFF7CF1D6)
YUV	202.9390, 5.4531, -69.2295
Hunter-Lab	84.8950, -39.3208, 7.0015

Details

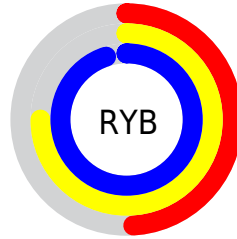
The RYB color **124, 190, 241** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **241, 124, 151**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **183, 219, 255**, and **62, 130, 184** is the 20% darker color. If you saturate the color by 10%, you get **100, 180, 241**, and if you desaturate by 10%, it is **148, 200, 241**.

Distribution



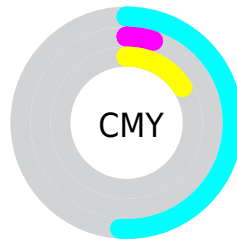
- Red (49%)
- Green (95%)
- Blue (84%)



- Red (49%)
- Yellow (75%)
- Blue (95%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 190, 241 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 124, 190, 241 by changing the saturation by 10% instead.


 124, 190, 241


255, 255, 255


 183, 219, 255

 212, 234, 255

 242, 249, 255

 124, 190, 241

 94, 160, 212

 62, 130, 184

 19, 94, 157

 0, 71, 130

 0, 58, 105


 0, 45, 80


 0, 33, 56

 0, 23, 35


 0, 0, 0

 124, 190, 241


 124, 190, 241

 100, 180, 241


 148, 200, 241

 76, 169, 241

 172, 211, 241

 52, 159, 241


 196, 221, 241

 28, 148, 241

 220, 232, 241

 4, 138, 241

 244, 241, 242

 0, 136, 241

 255, 241, 247

 255, 241, 253

 255, 241, 255

Harmonies

Analogous

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



169, 229, 237



124, 190, 241



93, 170, 253

Triad

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



124, 190, 241



219, 213, 255



255, 244, 159

Complementary

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



124, 190, 241



241, 124, 151

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, 194, 189



124, 190, 241



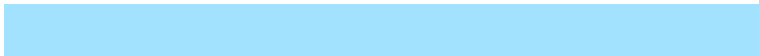
255, 200, 255

Square

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



124, 190, 241



162, 200, 255



255, 193, 227



196, 251, 146

Rectangle

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



124, 190, 241



97, 172, 255



255, 193, 227



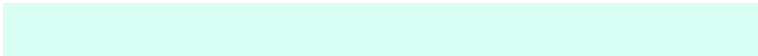
255, 219, 168

Sweetspot

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



124, 190, 241



217, 239, 255



124, 241, 214



105, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 190, 241



107, 191, 255



124, 174, 241



108, 115, 120



0, 104, 184



0, 32, 56

Inverse Universe

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



241, 124, 151



255, 107, 141



241, 166, 124



120, 108, 111



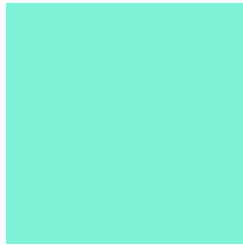
184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RYB color 124, 190, 241 looks on a white background.

Color Contrast Check

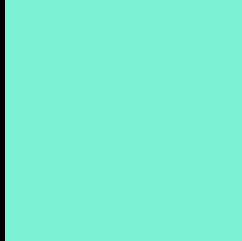
Large Text (above 18pt) WCAG AA × Fail

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 124, 190, 241 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 124, 190, 241 Background



This preview shows how black text looks on a background with the RYB color 124, 190, 241.



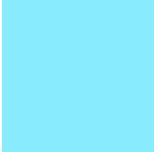
This preview shows how white text looks on a background with the RYB color 124, 190, 241.

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
136, 190, 254

Trichromacy



Original Color

124, 190, 241



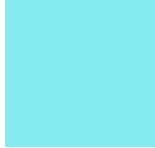
Protanomaly

190, 215, 227



Deuteranomaly

198, 212, 223



Tritanomaly

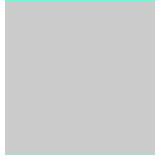
132, 185, 240

Monochromacy



Original Color

124, 190, 241



Achromatopsia

203, 203, 203



Achromatomaly

174, 198, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 190, 241 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(124, 241, 214)` looks like.

```
.text, #text, p{  
    color:rgb(124, 241, 214)  
}
```

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(124, 241, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 241, 214) }
```

Border

The CSS property to change the border of an element to RYB 124, 190, 241 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(124, 241, 214) }
```

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

```
.border{ border-color:rgb(124, 241, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 241, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(124, 241,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 124, 190, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 241, 214) }
```

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

```
.background{ background-color: rgb(124,  
241, 214) }
```

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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