

Converting Colors

`RYB(150, 191, 241)`

Have a look what the booklet for
RYB(150, 191, 241) contains.

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Color

R_YB(150, 191, 241)

Conversions

Conversions Part 1

Format	Color
Hex	96E1F1
RGB	150, 225, 241
RGB Percent	59%, 88%, 95%
CMY	0.4118, 0.1191, 0.0549
CMYK	0.38, 0.07, 0.00, 0.05
HSL	191°, 76%, 77%
HSV	191°, 38%, 95%
XYZ	55.2775, 66.4801, 93.1376
YIQ	204.3990, -49.8360, -10.9240

Conversions

Conversions Part 2

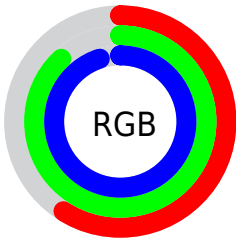
Format	Color
R _Y B	150, 191, 241
Decimal	9888241
CIE Lab	85.24, -19.03, -15.30
CIE LCh	85, 24.415, 218.805
Yxy	66.4801, 0.2572, 0.3094
Android (android.graphics.Color)	4288078321 (0xFF96E1F1)
YUV	204.3990, 18.0443, -47.7079
Hunter-Lab	81.5353, -21.6715, -10.6521

Details

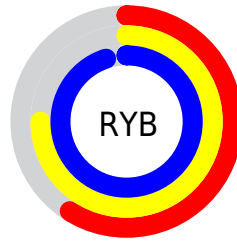
The RYB color **150, 191, 241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **241, 169, 150**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **207, 231, 255**, and **94, 135, 185** is the 20% darker color. If you saturate the color by 10%, you get **126, 178, 241**, and if you desaturate by 10%, it is **174, 204, 241**.

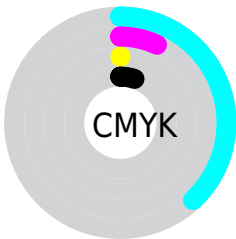
Distribution



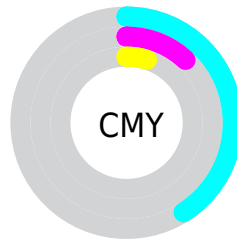
- Red (59%)
- Green (88%)
- Blue (95%)



- Red (59%)
- Yellow (75%)
- Blue (95%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (41%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 150, 191, 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 150, 191, 241 by changing the saturation by 10% instead.


 150, 191, 241

 150, 191, 241


255, 255, 255

 122, 163, 213

 207, 231, 255

 94, 135, 185

 236, 246, 255


 66, 108, 158

 34, 79, 132

 0, 49, 107


 0, 37, 82


 0, 26, 59

 0, 16, 38


 0, 1, 16

 150, 191, 241


 150, 191, 241

 126, 178, 241


 174, 204, 241

 102, 165, 241


 198, 217, 241

 78, 152, 241


 222, 231, 241

 54, 138, 241


 246, 242, 241

 29, 125, 241

 255, 249, 241

 5, 111, 241

 247, 255, 241

 0, 109, 241

 241, 255, 241

Harmonies

Analogous

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



153, 191, 226



150, 191, 241



166, 200, 255

Triad

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



150, 191, 241



249, 199, 230



179, 224, 167

Complementary

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



150, 191, 241



241, 169, 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.



245, 237, 171



150, 191, 241



255, 197, 207

Square

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



150, 191, 241



225, 205, 249



255, 203, 185



177, 220, 199

Rectangle

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



150, 191, 241



185, 206, 255



255, 203, 185



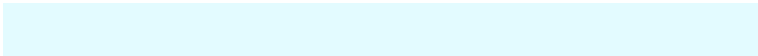
198, 232, 167

Sweetspot

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



150, 191, 241



227, 240, 255



150, 228, 241



111, 119, 128



0, 0, 0



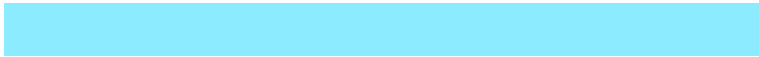
128, 128, 128

Same Dimension

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



150, 191, 241



140, 192, 255



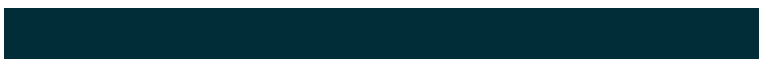
150, 173, 241



108, 113, 120



0, 83, 184



0, 25, 56

Inverse Universe

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



241, 150, 225



255, 140, 234



195, 241, 150



120, 108, 118



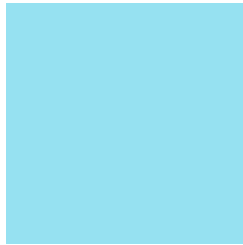
184, 0, 151



56, 0, 46

Previews

White Background



This preview shows how the RYB color 150, 191, 241 looks on a white background.

Color Contrast Check

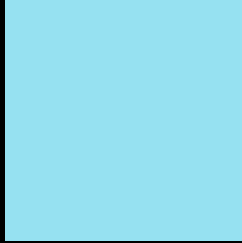
Large Text (above 18pt) WCAG AA × Fail

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 150, 191, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

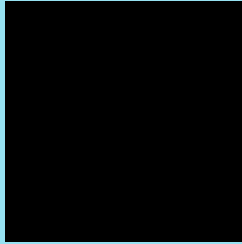
Any Text WCAG AA ✓ Pass

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 150, 191, 241 Background



This preview shows how black text looks on a background with the RYB color 150, 191, 241.




This preview shows how white text looks on a background with the RYB color 150, 191, 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



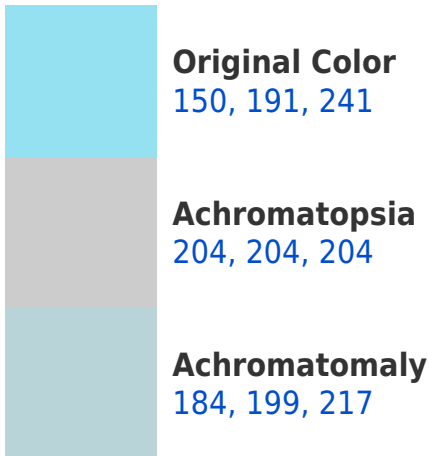


Tritanopia
150, 191, 242

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 191, 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(150, 225, 241)` looks like.

```
.text, #text, p{  
    color:rgb(150, 225, 241)  
}
```

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, 225, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 225, 241) }
```

Border

The CSS property to change the border of an element to RYB 150, 191, 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(150, 225, 241) }
```

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

```
.border{ border-color:rgb(150, 225, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 225, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(150, 225,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 150, 191, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 225, 241) }
```

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

```
.background{ background-color: rgb(150,  
225, 241) }
```

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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