

Converting Colors

`RYB(108, 137, 201)`

Have a look what the booklet for
RYB(108, 137, 201) contains.

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Color

R_YB(108, 137, 201)

Conversions

Conversions Part 1

Format	Color
Hex	6C96C9
RGB	108, 150, 201
RGB Percent	42%, 59%, 79%
CMY	0.5765, 0.4112, 0.2118
CMYK	0.46, 0.25, 0.00, 0.21
HSL	213°, 46%, 61%
HSV	213°, 46%, 79%
XYZ	27.6558, 29.2628, 59.4490
YIQ	143.2560, -41.4030, 6.9570

Conversions

Conversions Part 2

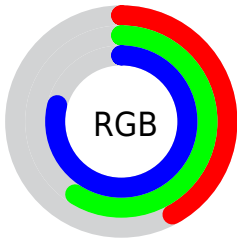
Format	Color
R _Y B	108, 137, 201
Decimal	7116489
CIE Lab	61.01, -0.63, -30.68
CIE LCh	61, 30.691, 268.827
Yxy	29.2628, 0.2377, 0.2515
Android (android.graphics.Color)	4285306569 (0xFF6C96C9)
YUV	143.2560, 28.4678, -30.9195
Hunter-Lab	54.0951, -3.4095, -27.2915

Details

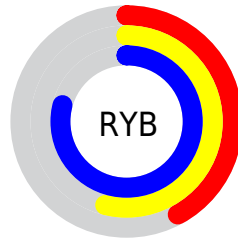
The RYB color **108, 137, 201** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185, 201, 108**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **163, 191, 255**, and **52, 83, 147** is the 20% darker color. If you saturate the color by 10%, you get **88, 123, 201**, and if you desaturate by 10%, it is **128, 151, 201**.

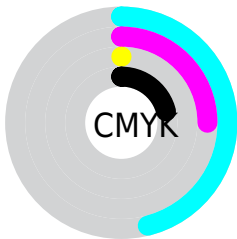
Distribution



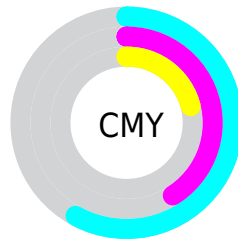
- Red (42%)
- Green (59%)
- Blue (79%)



- Red (42%)
- Yellow (54%)
- Blue (79%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 137, 201 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 108, 137, 201 by changing the saturation by 10% instead.

■ 108, 137, 201

255, 255, 255

■ 163, 191, 255

■ 192, 216, 255

■ 221, 238, 255

■ 250, 253, 255

■ 108, 137, 201

■ 81, 110, 174

■ 52, 84, 147

■ 18, 55, 121

■ 0, 34, 96

■ 0, 23, 72

■ 0, 7, 49

■ 0, 1, 27

■ 0, 0, 0

■ 108, 137, 201

■ 108, 137, 201

■ 88, 123, 201

■ 128, 151, 201

■ 68, 109, 201

■ 148, 165, 201

■ 48, 96, 201

■ 168, 178, 201

■ 28, 82, 201

■ 188, 192, 201

■ 8, 68, 201

■ 209, 209, 201

■ 0, 63, 201

■ 225, 229, 201

■ 242, 249, 201

■ 226, 255, 201

■ 208, 255, 201

Harmonies

Analogous

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



66, 119, 193



108, 137, 201



149, 141, 195

Triad

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



108, 137, 201



200, 130, 122



107, 150, 159

Complementary

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



108, 137, 201



185, 201, 108

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.



99, 153, 114



108, 137, 201



188, 158, 102

Square

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



108, 137, 201



198, 127, 149



124, 167, 93



73, 122, 162

Rectangle

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



108, 137, 201



172, 134, 183



124, 167, 93



111, 158, 152

Sweetspot

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



108, 137, 201



219, 230, 255



108, 168, 201



106, 113, 128



0, 0, 0



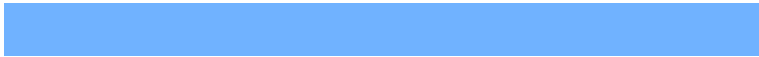
128, 128, 128

Same Dimension

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



108, 137, 201



112, 157, 255



111, 108, 201



90, 93, 99



0, 51, 163



0, 11, 36

Inverse Universe

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



201, 108, 150



255, 112, 177



108, 201, 111



99, 90, 94



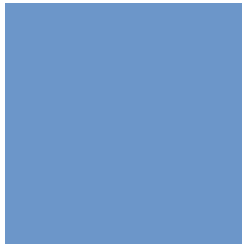
163, 0, 74



36, 0, 16

Previews

White Background



This preview shows how the RYB color 108, 137, 201 looks on a white background.

Color Contrast Check

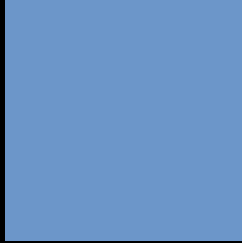
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 137, 201 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 108, 137, 201 Background



This preview shows how black text looks on a background with the RYB color 108, 137, 201.



This preview shows how white text looks on a background with the RYB color 108, 137, 201.

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
108, 137, 201

Protanopia
132, 143, 197

Deuteranopia
129, 142, 202



Tritanopia
98, 130, 169

Trichromacy



Original Color
108, 137, 201

Protanomaly
123, 141, 198

Deuteranomaly
121, 141, 202

Tritanomaly
102, 133, 181

Monochromacy



Original Color
108, 137, 201

Achromatopsia
143, 143, 143

Achromatomaly
130, 141, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 137, 201 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(108, 150, 201)` looks like.

```
.text, #text, p{  
    color:rgb(108, 150, 201)  
}
```

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(108, 150, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 150, 201) }
```

Border

The CSS property to change the border of an element to RYB 108, 137, 201 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(108, 150, 201) }
```

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

```
.border{ border-color:rgb(108, 150, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 150, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 150, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 150, 201);  
box-shadow:4px 4px 4px 4px rgb(108, 150,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 108, 137, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 150, 201) }
```

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

```
.background{ background-color: rgb(108,  
150, 201) }
```

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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