

Converting Colors

`RYB(108, 142, 197)`

Have a look what the booklet for
RYB(108, 142, 197) contains.

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Color

R_YB(108, 142, 197)

Conversions

Conversions Part 1

Format	Color
Hex	6CA3C5
RGB	108, 163, 197
RGB Percent	42%, 64%, 77%
CMY	0.5765, 0.3607, 0.2275
CMYK	0.45, 0.17, 0.00, 0.23
HSL	203°, 43%, 60%
HSV	203°, 45%, 77%
XYZ	29.3628, 33.4202, 57.7265
YIQ	150.4310, -43.6940, -1.0860

Conversions

Conversions Part 2

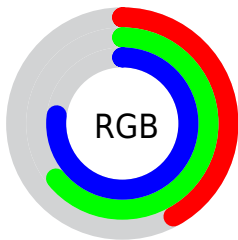
Format	Color
R _Y B	108, 142, 197
Decimal	7119813
CIE Lab	64.50, -8.98, -23.08
CIE LCh	64, 24.762, 248.746
Yxy	33.4202, 0.2437, 0.2773
Android (android.graphics.Color)	4285309893 (0xFF6CA3C5)
YUV	150.4310, 22.9585, -37.2120
Hunter-Lab	57.8102, -10.5046, -18.7370

Details

The RYB color **108, 142, 197** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **197, 163, 108**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **163, 197, 254**, and **53, 88, 143** is the 20% darker color. If you saturate the color by 10%, you get **88, 129, 197**, and if you desaturate by 10%, it is **128, 154, 197**.

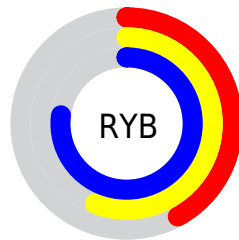
Distribution



Red (42%)

Green (64%)

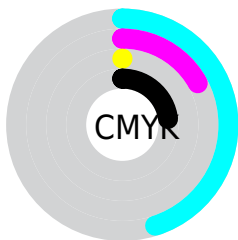
Blue (77%)



Red (42%)

Yellow (56%)

Blue (77%)

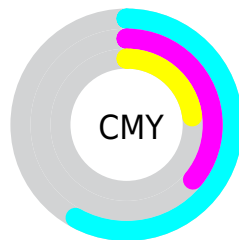


Cyan (45%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 142, 197 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, 142, 197 by changing the saturation by 10% instead.

■ 108, 142, 197

255, 255, 255

■ 163, 197, 254

■ 192, 221, 255

■ 220, 238, 255

■ 250, 253, 255

■ 108, 142, 197

■ 81, 115, 170

■ 53, 88, 143

■ 19, 59, 117

■ 0, 38, 93

■ 0, 26, 69

■ 0, 15, 46

■ 0, 1, 26

■ 0, 0, 0

■ 108, 142, 197

■ 108, 142, 197

■ 88, 129, 197

■ 128, 154, 197

■ 69, 118, 197

■ 147, 166, 197

■ 49, 105, 197

■ 167, 179, 197

■ 29, 93, 197

■ 187, 191, 197

■ 9, 81, 197

■ 207, 204, 197

■ 0, 75, 197

■ 226, 215, 197

■ 246, 228, 197

■ 255, 244, 197

■ 238, 255, 197

Harmonies

Analogous

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



91, 133, 183



108, 142, 197



138, 152, 200

Triad

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



108, 142, 197



201, 140, 151



121, 163, 143

Complementary

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



108, 142, 197



197, 163, 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.



124, 166, 113



108, 142, 197



199, 146, 130

Square

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



108, 142, 197



190, 142, 173



186, 182, 116



116, 151, 167

Rectangle

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



108, 142, 197



159, 151, 195



186, 182, 116



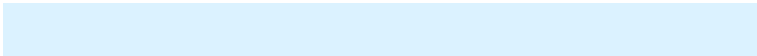
117, 161, 128

Sweetspot

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



108, 142, 197



219, 233, 255



108, 173, 197



106, 114, 128



0, 0, 0



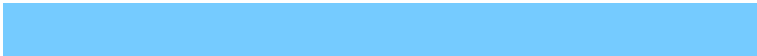
128, 128, 128

Same Dimension

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



108, 142, 197



117, 170, 255



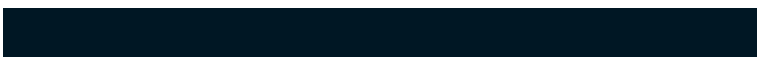
108, 119, 197



90, 94, 99



0, 62, 163



0, 14, 36

Inverse Universe

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



197, 108, 163



255, 117, 202



122, 197, 108



99, 90, 96



163, 0, 101



36, 0, 22

Previews

White Background



This preview shows how the RYB color 108, 142, 197 looks on a white background.

Color Contrast Check

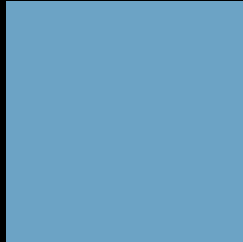
Large Text (above 18pt) WCAG AA × Fail

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 108, 142, 197 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

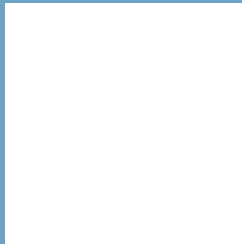
Any Text WCAG AAA ✓ Pass

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

R Y B 108, 142, 197 Background



This preview shows how black text looks on a background with the R Y B color 108, 142, 197.

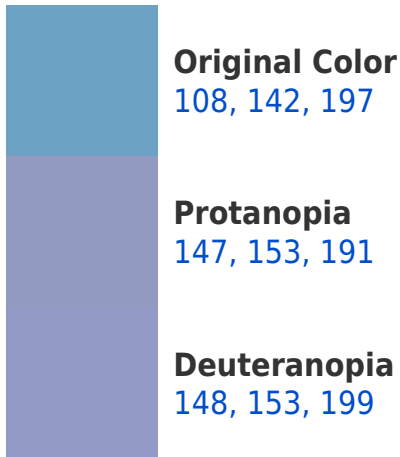


This preview shows how white text looks on a background with the R Y B color 108, 142, 197.

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
103, 137, 179

Trichromacy



Original Color
108, 142, 197

Protanomaly
133, 150, 193

Deuteranomaly
133, 151, 198

Tritanomaly
105, 139, 186

Monochromacy



Original Color
108, 142, 197

Achromatopsia
150, 150, 150

Achromatomaly
135, 147, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 142, 197 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, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(108, 163, 197)  
}
```

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, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 163, 197) }
```

Border

The CSS property to change the border of an element to RYB 108, 142, 197 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, 163, 197) }
```

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

```
.border{ border-color:rgb(108, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(108, 163,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 108, 142, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 163, 197) }
```

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

```
.background{ background-color: rgb(108,  
163, 197) }
```

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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