

Converting Colors

`RYB(93, 108, 144)`

Have a look what the booklet for
RYB(93, 108, 144) contains.

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Color

`RYB(93, 108, 144)`

Conversions

Conversions Part 1

Format	Color
Hex	5D7290
RGB	93, 114, 144
RGB Percent	36%, 45%, 56%
CMY	0.6353, 0.5520, 0.4353
CMYK	0.35, 0.21, 0.00, 0.44
HSL	215°, 22%, 46%
HSV	215°, 35%, 56%
XYZ	15.5938, 16.4319, 28.7353
YIQ	111.1410, -22.1460, 4.8780

Conversions

Conversions Part 2

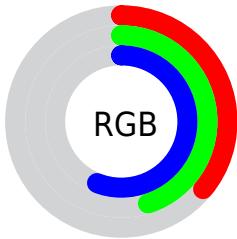
Format	Color
R _Y B	93, 108, 144
Decimal	6124176
CIE Lab	47.54, -0.14, -18.74
CIE LCh	48, 18.742, 269.567
Yxy	16.4319, 0.2566, 0.2704
Android (android.graphics.Color)	4284314256 (0xFF5D7290)
YUV	111.1410, 16.1995, -15.9097
Hunter-Lab	40.5363, -2.2717, -13.6541

Details

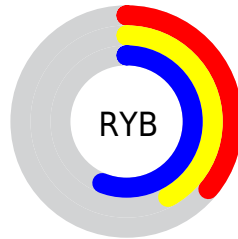
The RYB color **93, 108, 144** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129, 144, 93**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **145, 160, 198**, and **44, 59, 94** is the 20% darker color. If you saturate the color by 10%, you get **79, 98, 144**, and if you desaturate by 10%, it is **107, 118, 144**.

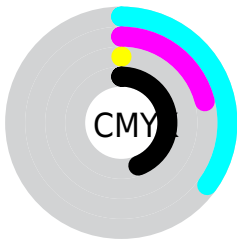
Distribution



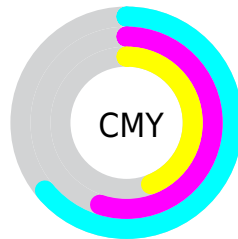
- Red (36%)
- Green (45%)
- Blue (56%)



- Red (36%)
- Yellow (42%)
- Blue (56%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 108, 144 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 93, 108, 144 by changing the saturation by 10% instead.

■ 93, 108, 144 ■ 93, 108, 144

255, 255, 255 ■ 68, 83, 118

■ 145, 160, 198 ■ 44, 59, 94

■ 172, 187, 226 ■ 19, 36, 70

■ 199, 215, 255 ■ 0, 16, 47

■ 228, 240, 255 ■ 0, 1, 27

■ 0, 0, 0

■ 93, 108, 144 ■ 93, 108, 144

■ 79, 98, 144 ■ 107, 118, 144

■ 64, 87, 144 ■ 122, 128, 144

■ 50, 78, 144

■ 136, 138, 144

■ 35, 67, 144

■ 149, 151, 144

■ 21, 57, 144

■ 160, 165, 144

■ 7, 47, 144

■ 167, 179, 144

■ 0, 42, 144

■ 180, 194, 144

■ 191, 208, 144

■ 201, 223, 144

Harmonies

Analogous

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



74, 101, 139



93, 108, 144



115, 109, 140

Triad

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



93, 108, 144



144, 102, 98



90, 115, 120

Complementary

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



93, 108, 144



129, 144, 93

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.



85, 117, 94



93, 108, 144



138, 119, 86

Square

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



93, 108, 144



143, 101, 114



99, 125, 81



74, 101, 122

Rectangle

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



93, 108, 144



128, 105, 133



99, 125, 81



92, 119, 115

Sweetspot

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



93, 108, 144



166, 172, 186



93, 125, 144



82, 86, 94



222, 222, 222



94, 94, 94

Same Dimension

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



93, 108, 144



106, 129, 186



96, 93, 144



64, 66, 71



0, 40, 135



0, 2, 8

Inverse Universe

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



144, 93, 114



186, 106, 139



93, 144, 97



71, 64, 67



135, 0, 56



8, 0, 3

Previews

White Background



This preview shows how the RYB color 93, 108, 144 looks on a white 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

Black Background



This preview shows how the RYB color 93, 108, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

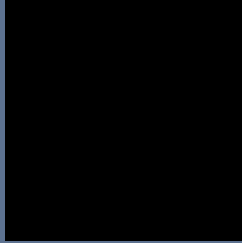
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

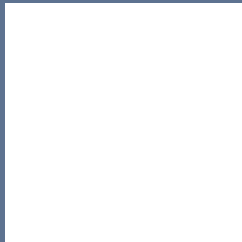
Any Text WCAG AAA × Fail

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

R Y B 93, 108, 144 Background



This preview shows how black text looks on a background with the R Y B color 93, 108, 144.

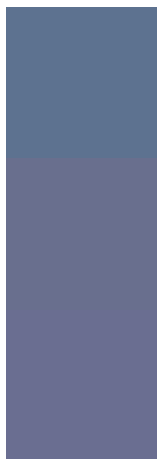


This preview shows how white text looks on a background with the R Y B color 93, 108, 144.

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

[93, 108, 144](#)

Protanopia

[105, 110, 142](#)

Deuteranopia

[106, 110, 145](#)



Tritanopia
89, 105, 127

Trichromacy



Original Color
93, 108, 144

Protanomaly
101, 110, 143

Deuteranomaly
101, 110, 145

Tritanomaly
90, 106, 133

Monochromacy



Original Color
93, 108, 144

Achromatopsia
111, 111, 111

Achromatomaly
104, 110, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 108, 144 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(93, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 144)  
}
```

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(93, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 144) }
```

Border

The CSS property to change the border of an element to RYB 93, 108, 144 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(93, 114, 144) }
```

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

```
.border{ border-color:rgb(93, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 93, 108, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 144) }
```

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

```
.background{ background-color: rgb(93, 114,  
144) }
```

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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