

Converting Colors

`RYB(112, 192, 194)`

Have a look what the booklet for
RYB(112, 192, 194) contains.

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Color

R_YB(112, 192, 194)

Conversions

Conversions Part 1

Format	Color
Hex	70C272
RGB	112, 194, 114
RGB Percent	44%, 76%, 45%
CMY	0.5608, 0.2392, 0.5527
CMYK	0.42, 0.00, 0.41, 0.24
HSL	122°, 40%, 60%
HSV	122°, 42%, 76%
XYZ	29.0140, 43.2444, 22.7523
YIQ	160.3620, -23.1920, -42.2640

Conversions

Conversions Part 2

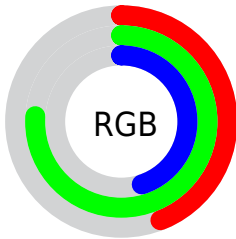
Format	Color
RYB	112, 192, 194
Decimal	7389810
CIELab	71.72, -41.44, 32.56
CIELCh	72, 52.705, 141.846
Yxy	43.2444, 0.3054, 0.4552
Android (android.graphics.Color)	4285579890 (0xFF70C272)
YUV	160.3620, -22.8565, -42.4135
Hunter-Lab	65.7604, -36.3253, 25.5187

Details

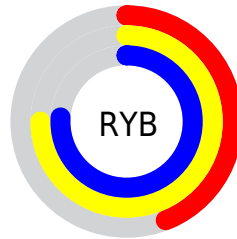
The RYB color **112, 192, 194** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **194, 112, 192**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **167, 251, 251**, and **57, 134, 140** is the 20% darker color. If you saturate the color by 10%, you get **93, 192, 194**, and if you desaturate by 10%, it is **131, 192, 194**.

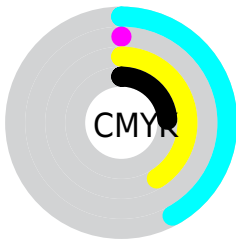
Distribution



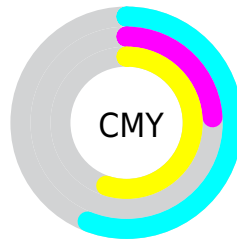
- Red (44%)
- Green (76%)
- Blue (45%)



- Red (44%)
- Yellow (75%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 192, 194 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 112, 192, 194 by changing the saturation by 10% instead.

 112, 192, 194


255, 255, 255


 167, 251, 251


 194, 255, 253


 222, 255, 252

 251, 255, 252

 112, 192, 194

 85, 162, 166

 57, 134, 140

 25, 100, 114

 0, 74, 88


 0, 64, 64

 0, 42, 42

 0, 12, 12

 0, 0, 0

 112, 192, 194

 112, 192, 194

■ 93, 192, 194

■ 131, 192, 194

■ 73, 191, 194

■ 151, 193, 194

■ 54, 191, 194

■ 170, 193, 194

■ 34, 190, 194

■ 190, 194, 194

■ 15, 190, 194

■ 209, 194, 209

■ 0, 189, 194

■ 228, 194, 228

■ 248, 194, 246

■ 255, 194, 255

Harmonies

Analogous

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



82, 184, 97



112, 192, 194



0, 110, 199

Triad

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



112, 192, 194



37, 125, 255



255, 137, 143

Complementary

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



112, 192, 194



194, 112, 192

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, 136, 191



112, 192, 194



158, 167, 255

Square

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



112, 192, 194



0, 110, 250



222, 149, 236



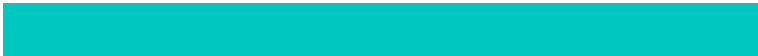
250, 175, 102

Rectangle

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



112, 192, 194



0, 102, 200



222, 149, 236



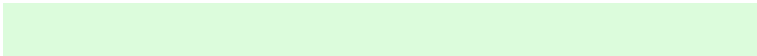
255, 135, 158

Sweetspot

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



112, 192, 194



220, 252, 252



112, 194, 113



107, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



112, 192, 194



124, 249, 252



112, 166, 194



87, 97, 97



0, 157, 161



0, 32, 33

Inverse Universe

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



194, 112, 192



252, 124, 249



194, 112, 152



97, 87, 97



161, 0, 157



33, 0, 32

Previews

White Background



This preview shows how the RYB color 112, 192, 194 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 112, 192, 194 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 112, 192, 194 Background



This preview shows how black text looks on a background with the RYB color 112, 192, 194.



This preview shows how white text looks on a background with the RYB color 112, 192, 194.

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](#).

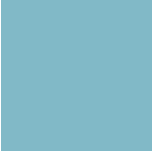
Dichromacy



Original Color
112, 192, 194

Protanopia
127, 191, 107

Deuteranopia
200, 209, 120



Tritanopia
129, 160, 199

Trichromacy



Original Color

112, 192, 194



Protanomaly

110, 182, 130



Deuteranomaly

118, 177, 121



Tritanomaly

123, 161, 188

Monochromacy



Original Color

112, 192, 194



Achromatopsia

160, 160, 160



Achromatomaly

143, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 192, 194 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(112, 194, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 194, 114)  
}
```

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(112, 194, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 194, 114) }
```

Border

The CSS property to change the border of an element to RYB 112, 192, 194 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(112, 194, 114) }
```

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

```
.border{ border-color:rgb(112, 194, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 194, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 194, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 194, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 194,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 112, 192, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 194, 114) }
```

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

```
.background{ background-color: rgb(112,  
194, 114) }
```

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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