

Converting Colors

`RYB(112, 193, 193)`

Have a look what the booklet for
RYB(112, 193, 193) contains.

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Color

`RYB(112, 193, 193)`

Conversions

Conversions Part 1

Format	Color
Hex	70C170
RGB	112, 193, 112
RGB Percent	44%, 76%, 44%
CMY	0.5608, 0.2431, 0.5608
CMYK	0.42, 0.00, 0.42, 0.24
HSL	120°, 40%, 60%
HSV	120°, 42%, 76%
XYZ	28.6767, 42.7545, 22.0703
YIQ	159.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

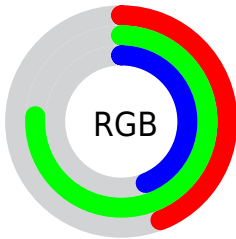
Format	Color
RYB	112, 193, 193
Decimal	7389552
CIELab	71.39, -41.32, 33.18
CIELCh	71, 52.997, 141.232
Yxy	42.7545, 0.3067, 0.4573
Android (android.graphics.Color)	4285579632 (0xFF70C170)
YUV	159.5470, -23.4407, -41.6987
Hunter-Lab	65.3869, -36.1426, 25.7585

Details

The RYB color **112, 193, 193** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **193, 112, 193**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **165, 250, 248**, and **57, 134, 139** is the 20% darker color. If you saturate the color by 10%, you get **93, 193, 193**, and if you desaturate by 10%, it is **131, 193, 193**.

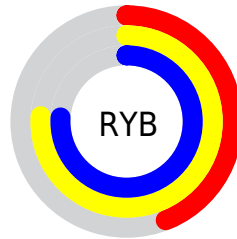
Distribution



Red (44%)

Green (76%)

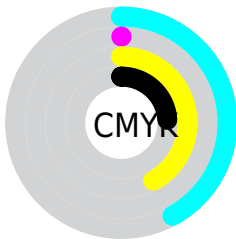
Blue (44%)



Red (44%)

Yellow (76%)

Blue (76%)

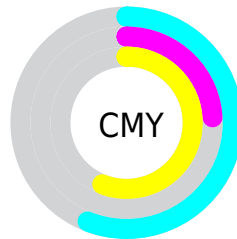


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (24%)



Cyan (56%)

Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 193, 193 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, 193, 193 by changing the saturation by 10% instead.

 112, 193, 193


255, 255, 255


 165, 250, 248


 192, 255, 251

 220, 255, 250

 249, 255, 250

 112, 193, 193

 85, 163, 165

 57, 134, 139

 26, 102, 113


 0, 76, 88


 0, 63, 63


 0, 42, 42


 0, 9, 9


 0, 0, 0


 112, 193, 193


 112, 193, 193


 93, 193, 193


 131, 193, 193


 73, 193, 193


 151, 193, 193

 54, 193, 193

 170, 193, 193

 35, 193, 193

 189, 193, 193

 16, 193, 193

 209, 193, 209

 0, 193, 193

 228, 193, 228

 247, 193, 247

 255, 193, 255

Harmonies

Analogous

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



81, 183, 95



112, 193, 193



0, 110, 198

Triad

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



112, 193, 193



23, 118, 255



255, 136, 142

Complementary

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



112, 193, 193



193, 112, 193

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, 135, 191



112, 193, 193



155, 167, 255

Square

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



112, 193, 193



0, 109, 249



221, 149, 236



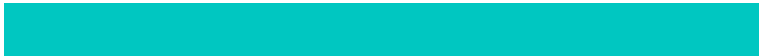
249, 172, 101

Rectangle

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



112, 193, 193



0, 101, 199



221, 149, 236



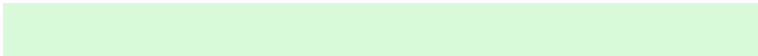
255, 134, 158

Sweetspot

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



112, 193, 193



217, 250, 250



112, 193, 112



105, 125, 125



252, 252, 252



125, 125, 125

Same Dimension

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



112, 193, 193



125, 250, 250



112, 166, 193



87, 97, 97



0, 161, 161



0, 33, 33

Inverse Universe

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



193, 112, 193



250, 125, 250



193, 112, 153



97, 87, 97



161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RYB color 112, 193, 193 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, 193, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

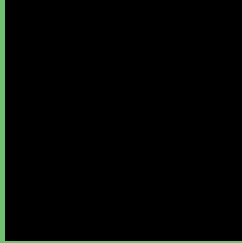
Any Text WCAG AA ✓ Pass

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, 193, 193 Background



This preview shows how black text looks on a background with the RYB color 112, 193, 193.

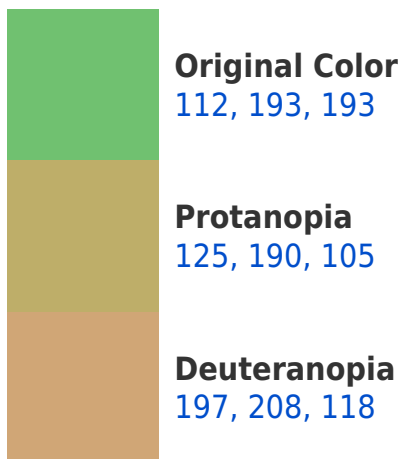


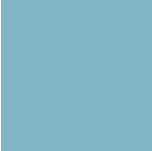
This preview shows how white text looks on a background with the RYB color 112, 193, 193.

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
129, 159, 198

Trichromacy



Original Color

112, 193, 193



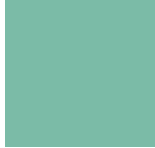
Protanomaly

108, 181, 127



Deuteranomaly

116, 176, 119



Tritanomaly

123, 161, 187

Monochromacy



Original Color

112, 193, 193



Achromatopsia

160, 160, 160



Achromatomaly

143, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 193, 193 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, 193, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 112)  
}
```

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, 193, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 193, 193 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, 193, 112) }
```

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

```
.border{ border-color:rgb(112, 193, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 193, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 193, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 193, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 193,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 193, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 112) }
```

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

```
.background{ background-color: rgb(112,  
193, 112) }
```

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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