

Converting Colors

`RYB(60, 129, 200)`

Have a look what the booklet for
RYB(60, 129, 200) contains.

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Color

`RYB(60, 129, 200)`

Conversions

Conversions Part 1

Format	Color
Hex	3CC4C8
RGB	60, 196, 200
RGB Percent	24%, 77%, 78%
CMY	0.7647, 0.2312, 0.2157
CMYK	0.70, 0.02, 0.00, 0.22
HSL	182°, 56%, 51%
HSV	182°, 70%, 78%
XYZ	32.0414, 44.6361, 61.5704
YIQ	155.7920, -82.3400, -27.5880

Conversions

Conversions Part 2

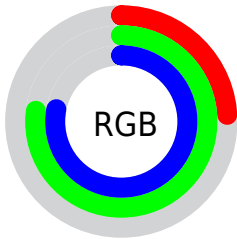
Format	Color
RYB	60, 129, 200
Decimal	3982536
CIELab	72.65, -34.13, -12.54
CIELCh	73, 36.364, 200.171
Yxy	44.6361, 0.2318, 0.3229
Android (android.graphics.Color)	4282172616 (0xFF3CC4C8)
YUV	155.7920, 21.7945, -84.0096
Hunter-Lab	66.8102, -31.3113, -7.8729




Details

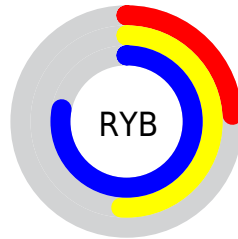
The RYB color **60, 129, 200** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **200, 64, 60**, and the grayscale version is **156, 156, 156**.




A 20% lighter version of the original color is **127, 190, 255**, and **0, 72, 146** is the 20% darker color. If you saturate the color by 10%, you get **40, 119, 200**, and if you desaturate by 10%, it is **80, 139, 200**.

Distribution







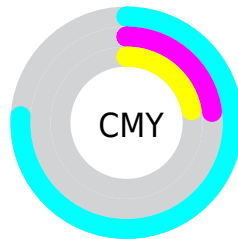
-  Red (24%)
-  Green (77%)
-  Blue (78%)






-  Red (24%)
-  Yellow (51%)
-  Blue (78%)



-  Cyan (70%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (22%)



















-  Cyan (76%)
-  Magenta (23%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 129, 200 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 60, 129, 200 by changing the saturation by 10% instead.

 60, 129, 200	 60, 129, 200
 255, 255, 255	 0, 85, 173
 127, 190, 255	 0, 72, 146
 158, 207, 255	 0, 59, 120
 188, 222, 255	 0, 47, 96
 218, 237, 255	 0, 34, 72
 249, 252, 255	 0, 23, 50
	 0, 11, 29
	 0, 0, 0

 60, 129, 200  60, 129, 200

■ 40, 119, 200

■ 80, 139, 200

■ 20, 109, 200

■ 100, 149, 200

■ 0, 98, 200

■ 120, 159, 200

■ 140, 169, 200

■ 160, 180, 200

■ 180, 190, 200

■ 200, 200, 200

■ 220, 201, 200

■ 240, 201, 200

Harmonies

Analogous

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



98, 156, 196



60, 129, 200



64, 136, 228

Triad

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



60, 129, 200



210, 162, 221



178, 211, 113

Complementary

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



60, 129, 200



200, 64, 60

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.



234, 176, 128



60, 129, 200



236, 154, 191

Square

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



60, 129, 200



167, 173, 240



244, 154, 157



115, 183, 120

Rectangle

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



60, 129, 200



95, 152, 240



244, 154, 157



216, 220, 116

Sweetspot

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



60, 129, 200



201, 227, 255



60, 198, 200



96, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



60, 129, 200



41, 146, 255



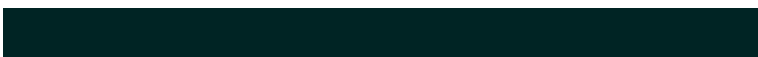
60, 106, 200



90, 95, 99



0, 80, 163



0, 18, 36

Inverse Universe

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



200, 60, 196



255, 41, 249



192, 200, 60



99, 90, 99



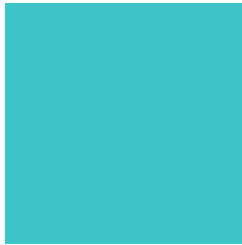
163, 0, 159



36, 0, 35

Previews

White Background



This preview shows how the RYB color 60, 129, 200 looks on a white background.

Color Contrast Check

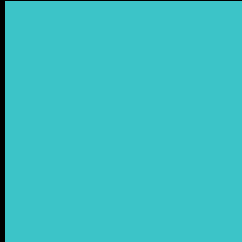
Large Text (above 18pt) WCAG AA × Fail

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 60, 129, 200 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

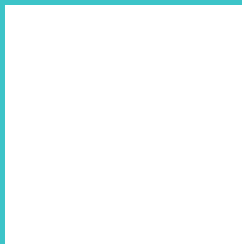
Any Text WCAG AAA ✓ Pass

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

R Y B 60, 129, 200 Background



This preview shows how black text looks on a background with the RYB color 60, 129, 200.

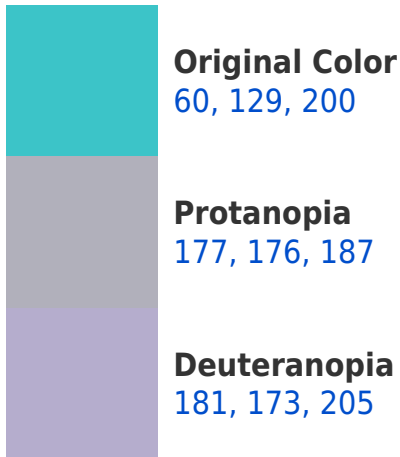


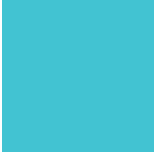
This preview shows how white text looks on a background with the RYB color 60, 129, 200.

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
66, 134, 210

Trichromacy



Original Color

60, 129, 200



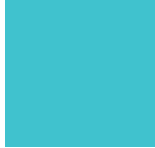
Protanomaly

134, 161, 192



Deuteranomaly

137, 163, 203



Tritanomaly

64, 132, 206

Monochromacy



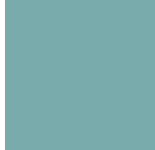
Original Color

60, 129, 200



Achromatopsia

156, 156, 156



Achromatomaly

121, 146, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 129, 200 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(60, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(60, 196, 200)  
}
```

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(60, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 196, 200) }
```

Border

The CSS property to change the border of an element to RYB 60, 129, 200 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(60, 196, 200) }
```

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

```
.border{ border-color:rgb(60, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(60, 196,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 60, 129, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 196, 200) }
```

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

```
.background{ background-color: rgb(60, 196,  
200) }
```

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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