

Converting Colors

`RYB(37, 119, 195)`

Have a look what the booklet for
RYB(37, 119, 195) contains.

RYB(37, 119, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(37, 119, 195)`

Conversions

Conversions Part 1

Format	Color
Hex	25C3B7
RGB	37, 195, 183
RGB Percent	15%, 76%, 72%
CMY	0.8549, 0.2353, 0.2806
CMYK	0.81, 0.00, 0.06, 0.24
HSL	176°, 68%, 45%
HSV	176°, 81%, 76%
XYZ	28.8711, 42.8607, 51.7910
YIQ	146.3900, -90.3160, -37.2280

Conversions

Conversions Part 2

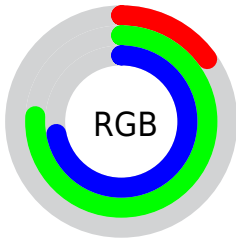
Format	Color
RYB	37, 119, 195
Decimal	2474935
CIELab	71.46, -40.88, -5.33
CIELCh	71, 41.222, 187.425
Yxy	42.8607, 0.2337, 0.3470
Android (android.graphics.Color)	4280665015 (0xFF25C3B7)
YUV	146.3900, 18.0487, -95.9350
Hunter-Lab	65.4681, -35.8517, -1.0759

Details

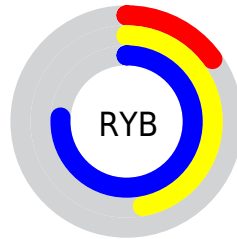
The RYB color **37, 119, 195** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **195, 37, 49**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **113, 186, 252**, and **0, 73, 140** is the 20% darker color. If you saturate the color by 10%, you get **18, 110, 195**, and if you desaturate by 10%, it is **57, 129, 195**.

Distribution



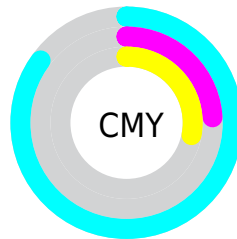
- Red (15%)
- Green (76%)
- Blue (72%)



- Red (15%)
- Yellow (47%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



















- Cyan (85%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 37, 119, 195 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 37, 119, 195 by changing the saturation by 10% instead.

 37, 119, 195	 37, 119, 195
 255, 255, 255	 0, 86, 167
 113, 186, 252	 0, 72, 140
 144, 200, 255	 0, 59, 114
 175, 215, 255	 0, 47, 89
 205, 230, 255	 0, 34, 65
 236, 246, 255	 0, 23, 43
	 0, 7, 17
	 0, 0, 0

 37, 119, 195	 37, 119, 195
--	--

■ 18, 110, 195

■ 57, 129, 195

■ 0, 101, 195

■ 76, 138, 195

■ 96, 147, 195

■ 115, 157, 195

■ 134, 166, 195

■ 154, 175, 195

■ 174, 185, 195

■ 193, 194, 195

■ 213, 195, 196

Harmonies

Analogous

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



102, 164, 193



37, 119, 195



0, 103, 220

Triad

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



37, 119, 195



191, 162, 235



223, 217, 106

Complementary

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



37, 119, 195



195, 37, 49

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.



244, 155, 131



37, 119, 195



230, 150, 205

Square

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



37, 119, 195



134, 165, 249



247, 145, 167



116, 190, 99

Rectangle

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



37, 119, 195



22, 116, 237



247, 145, 167



231, 186, 113

Sweetspot

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



37, 119, 195



192, 223, 252



37, 195, 182



91, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



37, 119, 195



8, 134, 252



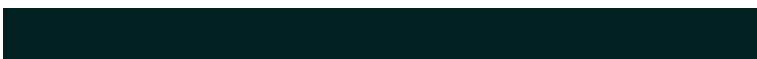
37, 95, 195



87, 92, 97



0, 84, 161



0, 17, 33

Inverse Universe

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



195, 37, 49



252, 8, 25



195, 150, 37



97, 87, 88



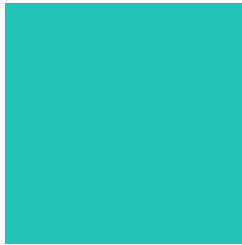
161, 0, 12



33, 0, 2

Previews

White Background



This preview shows how the RYB color 37, 119, 195 looks on a white background.

Color Contrast Check

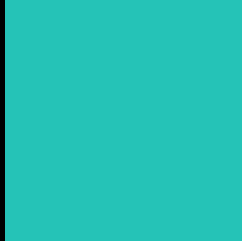
Large Text (above 18pt) WCAG AA × Fail

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 37, 119, 195 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

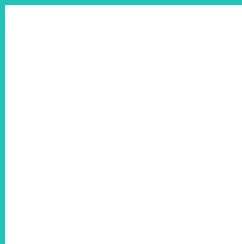
Any Text WCAG AAA ✓ Pass

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

RYB 37, 119, 195 Background



This preview shows how black text looks on a background with the RYB color 37, 119, 195.

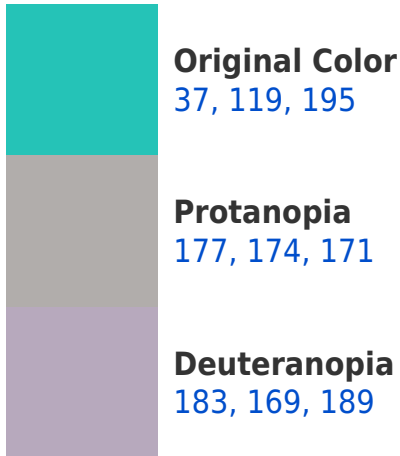


This preview shows how white text looks on a background with the RYB color 37, 119, 195.

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
56, 127, 207

Trichromacy



Original Color

37, 119, 195



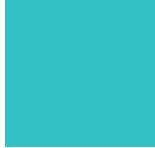
Protanomaly

126, 155, 181



Deuteranomaly

130, 156, 187



Tritanomaly

49, 122, 198

Monochromacy



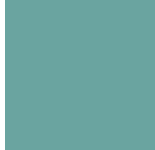
Original Color

37, 119, 195



Achromatopsia

146, 146, 146



Achromatomaly

106, 136, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 37, 119, 195 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(37, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(37, 195, 183)  
}
```

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(37, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 195, 183) }
```

Border

The CSS property to change the border of an element to RYB 37, 119, 195 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(37, 195, 183) }
```

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

```
.border{ border-color:rgb(37, 195, 183) }
```

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

Here you see how a box with a 4 pixel rgb(37, 195, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(37, 195,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 37, 119, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 195, 183) }
```

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

```
.background{ background-color: rgb(37, 195,  
183) }
```

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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