

Converting Colors

`RYB(44, 200, 200)`

Have a look what the booklet for
RYB(44, 200, 200) contains.

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Color

RYB(44, 200, 200)

Conversions

Conversions Part 1

Format	Color
Hex	2CC82C
RGB	44, 200, 44
RGB Percent	17%, 78%, 17%
CMY	0.8275, 0.2157, 0.8275
CMYK	0.78, 0.00, 0.78, 0.22
HSL	120°, 64%, 48%
HSV	120°, 78%, 78%
XYZ	22.1476, 42.0259, 9.3274
YIQ	135.5720, -42.9000, -81.5880

Conversions

Conversions Part 2

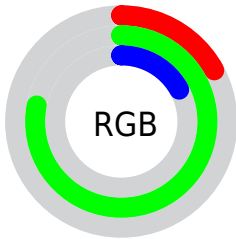
Format	Color
RYB	44, 200, 200
Decimal	2934828
CIELab	70.89, -66.84, 61.64
CIELCh	71, 90.926, 137.316
Yxy	42.0259, 0.3013, 0.5718
Android (android.graphics.Color)	4281124908 (0xFF2CC82C)
YUV	135.5720, -45.1450, -80.3086
Hunter-Lab	64.8274, -52.4652, 36.8485

Details

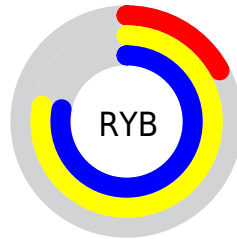
The RYB color **44, 200, 200** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **200, 44, 200**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **102, 255, 240**, and **0, 144, 144** is the 20% darker color. If you saturate the color by 10%, you get **24, 200, 200**, and if you desaturate by 10%, it is **64, 200, 200**.

Distribution



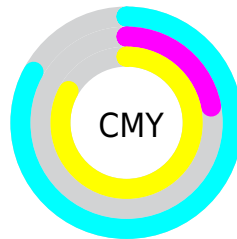
- Red (17%)
- Green (78%)
- Blue (17%)



- Red (17%)
- Yellow (78%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (78%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the RYB color 44, 200, 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 44, 200, 200 by changing the saturation by 10% instead.



44, 200, 200



44, 200, 200

255, 255, 255



0, 172, 172



102, 255, 240



0, 144, 144



129, 255, 236



0, 118, 118



157, 255, 233



0, 91, 91



186, 255, 231



0, 66, 66



214, 255, 228



0, 42, 42



244, 255, 244



0, 6, 6



0, 0, 0



44, 200, 200



44, 200, 200

 24, 200, 200

 64, 200, 200

 4, 200, 200

 84, 200, 200

 0, 200, 200

 104, 200, 200

 124, 200, 200

 144, 200, 200

 164, 200, 200

 184, 200, 200

 204, 200, 204

 224, 200, 224

Harmonies

Analogous

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



0, 184, 20



44, 200, 200



0, 127, 208

Triad

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



44, 200, 200



0, 110, 255



255, 78, 130

Complementary

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



44, 200, 200



200, 44, 200

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, 82, 212



44, 200, 200



64, 131, 255

Square

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



44, 200, 200



0, 114, 255



235, 126, 255



255, 152, 50

Rectangle

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



44, 200, 200



0, 110, 210



235, 126, 255



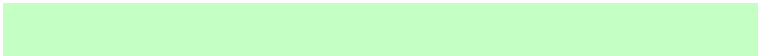
255, 71, 157

Sweetspot

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



44, 200, 200



196, 255, 255



44, 200, 44



92, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



44, 200, 200



15, 255, 255



44, 148, 200



90, 99, 99



0, 163, 163



0, 36, 36

Inverse Universe

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



200, 44, 200



255, 15, 255



200, 44, 122



99, 90, 99



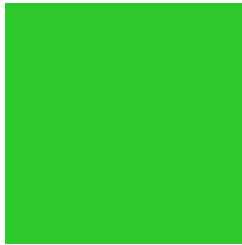
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RYB color 44, 200, 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 44, 200, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

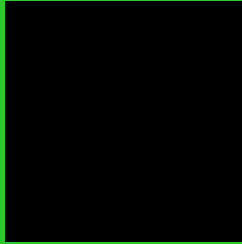
Any Text WCAG AA ✓ Pass

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_YB 44, 200, 200 Background



This preview shows how black text looks on a background with the RYB color 44, 200, 200.

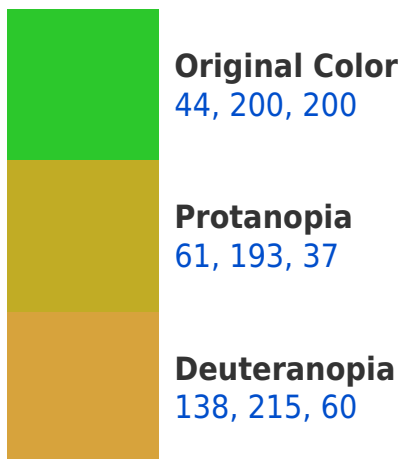


This preview shows how white text looks on a background with the RYB color 44, 200, 200.

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
92, 142, 201

Trichromacy



Original Color

44, 200, 200



Protanomaly

40, 182, 83



Deuteranomaly

54, 176, 77



Tritanomaly

75, 148, 191

Monochromacy



Original Color

44, 200, 200



Achromatopsia

136, 136, 136



Achromatomaly

103, 159, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 44, 200, 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(44, 200, 44)` looks like.

```
.text, #text, p{  
    color:rgb(44, 200, 44)  
}
```

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(44, 200, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 200, 44) }
```

Border

The CSS property to change the border of an element to RYB 44, 200, 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(44, 200, 44) }
```

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

```
.border{ border-color:rgb(44, 200, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 200, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 200, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 200, 44);  
box-shadow:4px 4px 4px 4px rgb(44, 200,  
44) }
```

Background

The CSS property to change the background color of an element to RYB 44, 200, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 200, 44) }
```

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

```
.background{ background-color: rgb(44, 200,  
44) }
```

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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