

Converting Colors

`RYB(41, 214, 209)`

Have a look what the booklet for
RYB(41, 214, 209) contains.

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Color

RYB(41, 214, 209)

Conversions

Conversions Part 1

Format	Color
Hex	2ED629
RGB	46, 214, 41
RGB Percent	18%, 84%, 16%
CMY	0.8196, 0.1608, 0.8392
CMYK	0.79, 0.00, 0.81, 0.16
HSL	118°, 68%, 50%
HSV	118°, 81%, 84%
XYZ	25.5735, 48.8341, 10.1759
YIQ	144.0460, -44.5950, -89.4190

Conversions

Conversions Part 2

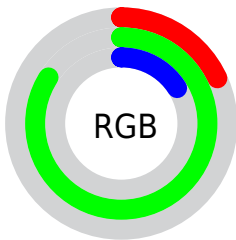
Format	Color
RYB	41, 214, 209
Decimal	3069481
CIELab	75.35, -70.95, 66.74
CIELCh	75, 97.404, 136.754
Yxy	48.8341, 0.3023, 0.5773
Android (android.graphics.Color)	4281259561 (0xFF2ED629)
YUV	144.0460, -50.8017, -85.9863
Hunter-Lab	69.8814, -56.9692, 40.2834

Details

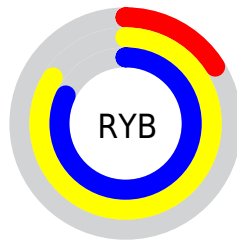
The RYB color **41, 214, 209** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **209, 41, 214**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **101, 255, 234**, and **0, 158, 158** is the 20% darker color. If you saturate the color by 10%, you get **20, 214, 209**, and if you desaturate by 10%, it is **62, 214, 209**.

Distribution



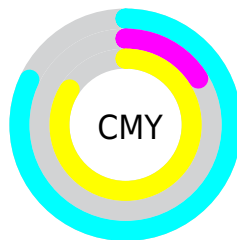
- Red (18%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (82%)



- Cyan (79%)
- Magenta (0%)
- Yellow (81%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the RYB color 41, 214, 209 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 41, 214, 209 by changing the saturation by 10% instead.

 41, 214, 209

 41, 214, 209

255, 255, 255

 0, 185, 185

 101, 255, 234

 0, 158, 158

 130, 255, 231

 0, 130, 130

 158, 255, 228

 0, 104, 104

 187, 255, 226

 0, 78, 78

 216, 255, 224

 0, 54, 54

 245, 255, 245

 0, 27, 27

 0, 0, 0

 41, 214, 209

 41, 214, 209

■ 20, 214, 209

■ 62, 214, 209

■ 0, 214, 208

■ 84, 214, 210

■ 105, 214, 211

■ 127, 214, 212

■ 148, 214, 212

■ 169, 214, 212

■ 191, 214, 214

■ 212, 214, 214

■ 233, 214, 234

Harmonies

Analogous

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



0, 197, 21



41, 214, 209



0, 136, 222

Triad

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



41, 214, 209



0, 115, 255



255, 79, 140

Complementary

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



41, 214, 209



209, 41, 214

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, 85, 229



41, 214, 209



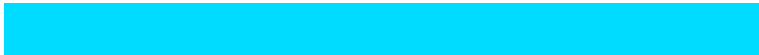
47, 128, 255

Square

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



41, 214, 209



0, 118, 255



250, 135, 255



255, 162, 53

Rectangle

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



41, 214, 209



0, 118, 225



250, 135, 255



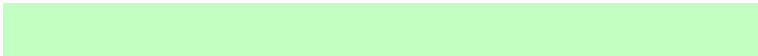
255, 72, 169

Sweetspot

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



41, 214, 209



194, 255, 253



47, 214, 41



91, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



41, 214, 209



8, 255, 248



41, 159, 214



96, 107, 106



0, 171, 166



0, 43, 42

Inverse Universe

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



209, 41, 214



248, 8, 255



214, 41, 133



107, 96, 107



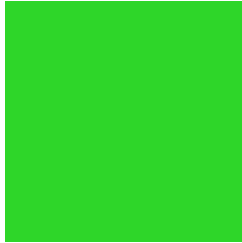
166, 0, 171



42, 0, 43

Previews

White Background



This preview shows how the RYB color 41, 214, 209 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 41, 214, 209 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 41, 214, 209 Background



This preview shows how black text looks on a background with the RYB color 41, 214, 209.



This preview shows how white text looks on a background with the RYB color 41, 214, 209.

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

41, 214, 209

Protanopia

60, 207, 33

Deuteranopia

141, 230, 60



Tritanopia
98, 152, 215

Trichromacy



Original Color

41, 214, 209



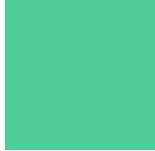
Protanomaly

36, 195, 83



Deuteranomaly

53, 189, 79



Tritanomaly

79, 158, 204

Monochromacy



Original Color

41, 214, 209



Achromatopsia

144, 144, 144



Achromatomaly

107, 169, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 41, 214, 209 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(46, 214, 41)` looks like.

```
.text, #text, p{  
    color:rgb(46, 214, 41)  
}
```

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(46, 214, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 214, 41) }
```

Border

The CSS property to change the border of an element to RYB 41, 214, 209 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(46, 214, 41) }
```

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

```
.border{ border-color:rgb(46, 214, 41) }
```

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

Here you see how a box with a 4 pixel rgb(46, 214, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 214, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 214, 41);  
box-shadow:4px 4px 4px 4px rgb(46, 214,  
41) }
```

Background

The CSS property to change the background color of an element to RYB 41, 214, 209 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 214, 41) }
```

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

```
.background{ background-color: rgb(46, 214,  
41) }
```

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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