Converting Colors

RYB(41, 41, 41)

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

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Color

RYB(41, 41, 41)

Conversions

Conversions Part 1

Format	Color
Hex	292929
RGB	41, 41, 41
RGB Percent	16%, 16%, 16%
CMY	0.8392, 0.8392, 0.8392
CMYK	0.00, 0.00, 0.00, 0.84
HSL	0°, 0%, 16%
HSV	0°, 0%, 16%
XYZ	2.1076, 2.2174, 2.4147
YIQ	41.0000, 0.0000, -0.0000

Conversions

Conversions Part 2

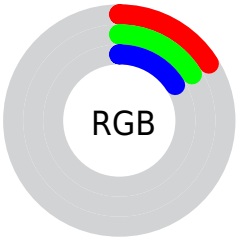
Format	Color
RYB	41, 41, 41
Decimal	2697513
CIELab	16.59, 0.00, -0.00
CIELCh	17, 0.003, 296.813
Yxy	2.2174, 0.3127, 0.3290
Android (android.graphics.Color)	4280887593 (0xFF292929)
YUV	41.0000, 0.0000, 0.0000
Hunter-Lab	14.8909, -0.7945, 0.8091

Details

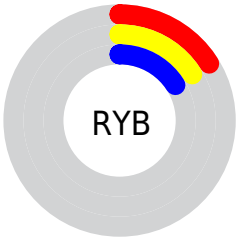
The RYB color 41, 41, 41 is a dark color, and the websafe version is hex 333333. A complement of this color would be 41, 41, 41, and the grayscale version is 41, 41, 41.

A 20% lighter version of the original color is 86, 86, 86, and 0, 0, 0 is the 20% darker color. If you saturate the color by 10%, you get 41, 37, 37, and if you desaturate by 10%, it is 41, 43, 45.

Distribution

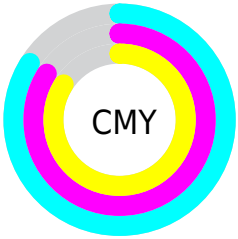


- Red (16%)
- Green (16%)
- Blue (16%)



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

- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (84%)



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

Brightness & Saturation Gradients

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

41, 41, 41

255, 255, 255

86, 86, 86

110, 110, 110

136, 136, 136

162, 162, 162

189, 189, 189

217, 217, 217

245, 245, 245

41, 41, 41

21, 21, 21

0, 0, 0

41, 41, 41

41, 41, 41

41, 37, 37

41, 33, 33

41, 29, 29

41, 25, 25

41, 20, 20

41, 16, 16

41, 12, 12

41, 8, 8

41, 4, 4

41, 43, 45

41, 45, 49

41, 47, 53

41, 49, 57

41, 51, 61

41, 54, 66

41, 56, 70

41, 58, 74

41, 60, 78

Harmonies

Sweetspot

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

41, 41, 41

54, 54, 54

28, 28, 28

156, 156, 156

Same Dimension

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

41, 41, 41

54, 54, 54

20, 20, 20

84, 0, 0

212, 0, 0

Inverse Universe

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

41, 41, 41

54, 54, 54

20, 20, 20

0, 42, 84

0, 106, 212

Previews

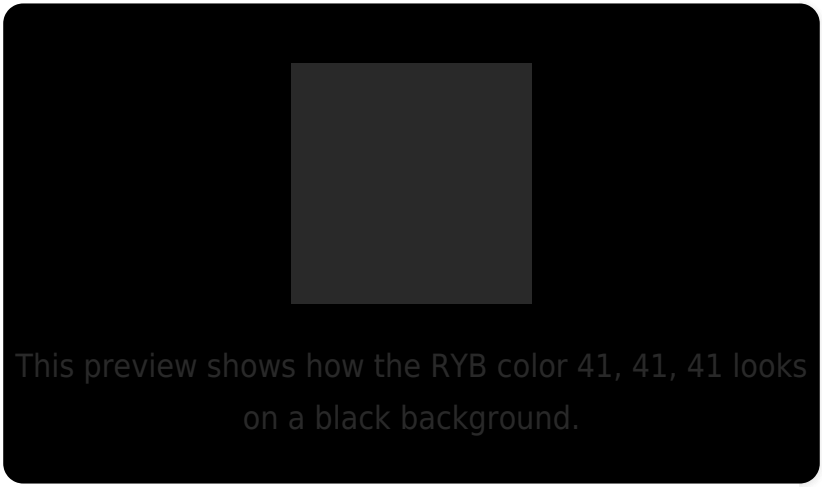
White Background

This preview shows how the RYB color 41, 41, 41 looks on a white 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

Black Background

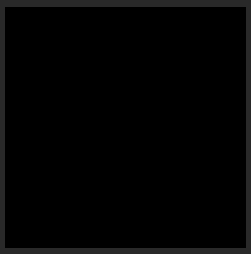


Color Contrast Check

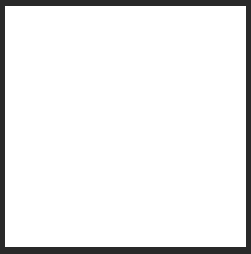
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 41, 41, 41 Background



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

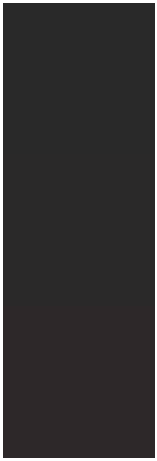


This preview shows how white text looks on a background with the RYB color 41, 41, 41.

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, 41, 41

Protanopia
42, 41, 41

Deuteranopia
45, 40, 41

Tritanopia
41, 41, 44

Trichromacy

Original Color
41, 41, 41

Protanomaly
42, 41, 41

Deuteranomaly
44, 40, 41

Tritanomaly
41, 41, 43

Monochromacy

Original Color
41, 41, 41

Achromatopsia
41, 41, 41

Achromatomaly
41, 41, 41

CSS Examples

Text

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

```
.text, #text, p{
    color:rgb(41, 41, 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(41, 41, 41) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

The CSS property to change the background color of an element to RYB 41, 41, 41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color:rgb(41, 41,
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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