

Converting Colors

R_YB(79, 54, 219)

Have a look what the booklet for
RYB(79, 54, 219) contains.

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Color

R_YB(79, 54, 219)

Conversions

Conversions Part 1

Format	Color
Hex	4F36DB
RGB	79, 54, 219
RGB Percent	31%, 21%, 86%
CMY	0.6902, 0.7882, 0.1412
CMYK	0.64, 0.75, 0.00, 0.14
HSL	249°, 70%, 54%
HSV	249°, 75%, 86%
XYZ	17.3298, 9.4151, 67.9217
YIQ	80.2850, -38.0650, 56.6150

Conversions

Conversions Part 2

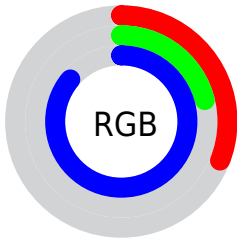
Format	Color
R_{YB}	79, 54, 219
Decimal	5191387
CIE _{Lab}	36.77, 56.06, -79.90
CIE _{LCh}	37, 97.608, 305.053
Yxy	9.4151, 0.1831, 0.0995
Android (android.graphics.Color)	4283381467 (0xFF4F36DB)
YUV	80.2850, 68.3865, -1.1269
Hunter-Lab	30.6840, 47.1168, -109.7649

Details

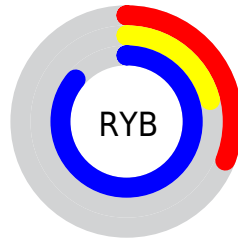
The RYB color **79, 54, 219** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **54, 219, 79**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **144, 104, 255**, and **0, 0, 163** is the 20% darker color. If you saturate the color by 10%, you get **60, 32, 219**, and if you desaturate by 10%, it is **98, 76, 219**.

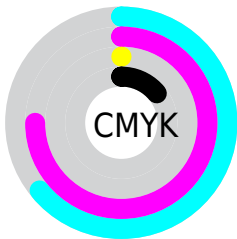
Distribution



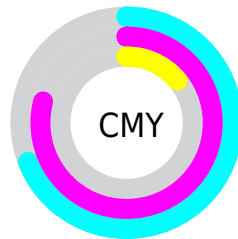
- Red (31%)
- Green (21%)
- Blue (86%)



- Red (31%)
- Yellow (21%)
- Blue (86%)



- Cyan (64%)
- Magenta (75%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (79%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 54, 219 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 79, 54, 219 by changing the saturation by 10% instead.



79, 54, 219



79, 54, 219

255, 255, 255



38, 29, 190



144, 104, 255



0, 0, 163



175, 131, 255



0, 0, 135



205, 157, 255



0, 0, 109



236, 185, 255



0, 10, 83



255, 213, 255



0, 5, 59



255, 242, 255



0, 2, 37



0, 1, 13



0, 0, 0

■ 79, 54, 219

■ 79, 54, 219

■ 60, 32, 219

■ 98, 76, 219

■ 42, 10, 219

■ 116, 98, 219

■ 33, 0, 219

■ 135, 120, 219

■ 153, 142, 219

■ 172, 164, 219

■ 190, 185, 219

■ 209, 207, 219

■ 219, 229, 220

■ 219, 251, 224

Harmonies

Analogous

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



0, 69, 249



79, 54, 219



183, 0, 155

Triad

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



79, 54, 219



156, 78, 0



0, 60, 113

Complementary

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



79, 54, 219



54, 219, 79

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.



0, 111, 111



79, 54, 219



6, 95, 0

Square

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



79, 54, 219



199, 0, 0



0, 104, 104



0, 70, 177

Rectangle

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



79, 54, 219



208, 0, 103



0, 104, 104



0, 69, 112

Sweetspot

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



79, 54, 219



205, 196, 255



54, 130, 219



97, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 54, 219



60, 25, 255



161, 54, 219



100, 99, 110



26, 0, 173



7, 0, 46

Inverse Universe

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



219, 54, 194



255, 25, 220



54, 219, 161



110, 99, 108



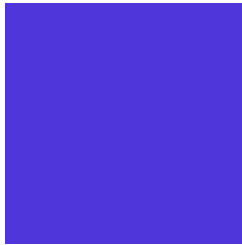
173, 0, 147



46, 0, 39

Previews

White Background



This preview shows how the RYB color 79, 54, 219 looks on a white background.

Color Contrast Check

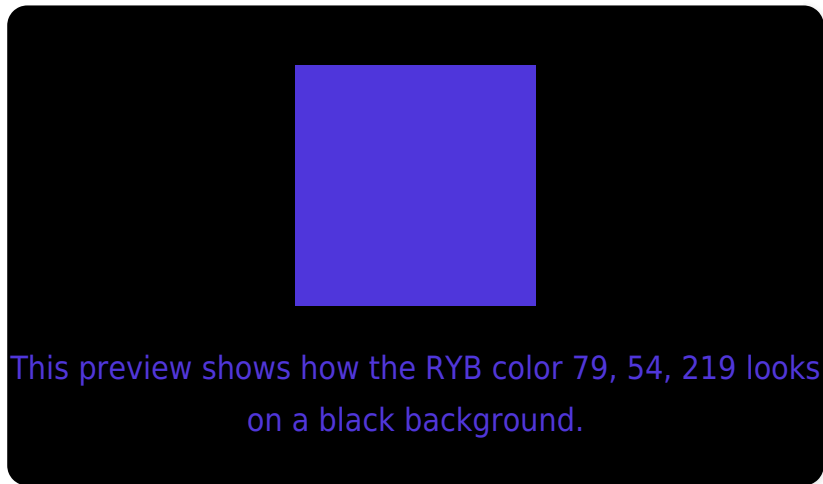
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

R Y B 79, 54, 219 Background



This preview shows how black text looks on a background with the R Y B color 79, 54, 219.

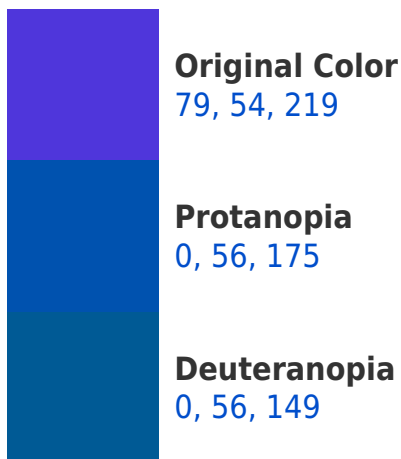


This preview shows how white text looks on a background with the R Y B color 79, 54, 219.

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
0, 50, 103

Trichromacy



Original Color

79, 54, 219

Protanomaly

29, 63, 191

Deuteranomaly

29, 64, 174

Tritanomaly

29, 65, 145

Monochromacy



Original Color

79, 54, 219

Achromatopsia

80, 80, 80

Achromatomaly

80, 71, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 54, 219 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(79, 54, 219)` looks like.

```
.text, #text, p{  
    color:rgb(79, 54, 219)  
}
```

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(79, 54, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 54, 219) }
```

Border

The CSS property to change the border of an element to RYB 79, 54, 219 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(79, 54, 219) }
```

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

```
.border{ border-color:rgb(79, 54, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 54, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 54, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 54, 219);  
box-shadow:4px 4px 4px 4px rgb(79, 54,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 79, 54, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 54, 219) }
```

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

```
.background{ background-color: rgb(79, 54,  
219) }
```

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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