

Converting Colors

R_YB(59, 58, 126)

Have a look what the booklet for
RYB(59, 58, 126) contains.

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Color

R_YB(59, 58, 126)

Conversions

Conversions Part 1

Format	Color
Hex	3B3A7E
RGB	59, 58, 126
RGB Percent	23%, 23%, 49%
CMY	0.7686, 0.7725, 0.5059
CMYK	0.53, 0.54, 0.00, 0.51
HSL	241°, 37%, 36%
HSV	241°, 54%, 49%
XYZ	7.0826, 5.4623, 20.4197
YIQ	66.0510, -21.2320, 21.3600

Conversions

Conversions Part 2

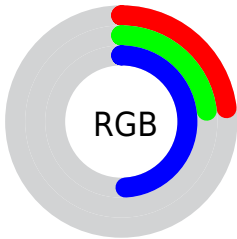
Format	Color
R_{YB}	59, 58, 126
Decimal	3881598
CIE _{Lab}	28.01, 20.69, -38.59
CIE _{LCh}	28, 43.792, 298.198
Yxy	5.4623, 0.2149, 0.1657
Android (android.graphics.Color)	4282071678 (0xFF3B3A7E)
YUV	66.0510, 29.5549, -6.1837
Hunter-Lab	23.3715, 13.1931, -35.4416

Details

The RYB color **59, 58, 126** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58, 126, 59**, and the grayscale version is **66, 66, 66**.

A 20% lighter version of the original color is **111, 105, 179**, and **0, 14, 76** is the 20% darker color. If you saturate the color by 10%, you get **47, 45, 126**, and if you desaturate by 10%, it is **71, 71, 126**.

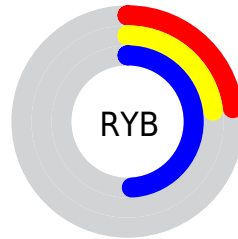
Distribution



 Red (23%)

 Green (23%)

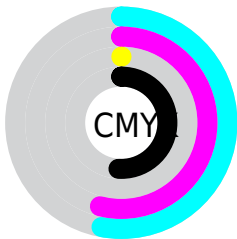
 Blue (49%)



 Red (23%)

 Yellow (23%)

 Blue (49%)

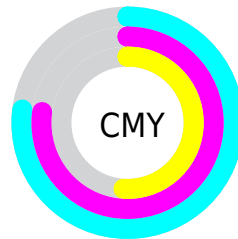


 Cyan (53%)

 Magenta (54%)

 Yellow (0%)

 Black (51%)



 Cyan (77%)

 Magenta (77%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 59, 58, 126 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 59, 58, 126 by changing the saturation by 10% instead.

■ 59, 58, 126

■ 59, 58, 126

255, 255, 255

■ 32, 36, 101

■ 111, 105, 179

■ 0, 14, 76

■ 138, 130, 207

■ 0, 0, 53

■ 166, 156, 235

■ 0, 2, 31

■ 194, 183, 255

■ 0, 0, 2

■ 222, 211, 255

■ 0, 0, 0

■ 251, 239, 255

■ 59, 58, 126

■ 59, 58, 126

■ 47, 45, 126

■ 71, 71, 126

■ 34, 33, 126

■ 84, 83, 126

■ 22, 20, 126

■ 96, 96, 126

■ 9, 8, 126

■ 109, 108, 126

■ 2, 0, 126

■ 121, 121, 126

■ 126, 134, 127

■ 126, 146, 126

■ 126, 159, 127

■ 126, 171, 126

Harmonies

Analogous

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



0, 46, 134



59, 58, 126



104, 41, 102

Triad

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



59, 58, 126



108, 86, 4



0, 46, 81

Complementary

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



59, 58, 126



58, 126, 59

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, 57, 78



59, 58, 126



25, 83, 0

Square

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



59, 58, 126



123, 34, 37



0, 73, 23



0, 44, 97

Rectangle

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



59, 58, 126



119, 30, 81



0, 73, 23



0, 49, 80

Sweetspot

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



59, 58, 126



137, 137, 163



58, 92, 126



66, 66, 82



209, 209, 209



82, 82, 82

Same Dimension

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



59, 58, 126



59, 57, 163



92, 58, 126



57, 57, 64



2, 0, 128



0, 0, 0

Inverse Universe

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



126, 58, 125



163, 57, 162



58, 126, 92



64, 57, 64



128, 0, 126



0, 0, 0

Previews

White Background



This preview shows how the RYB color 59, 58, 126 looks on a white background.

Color Contrast Check

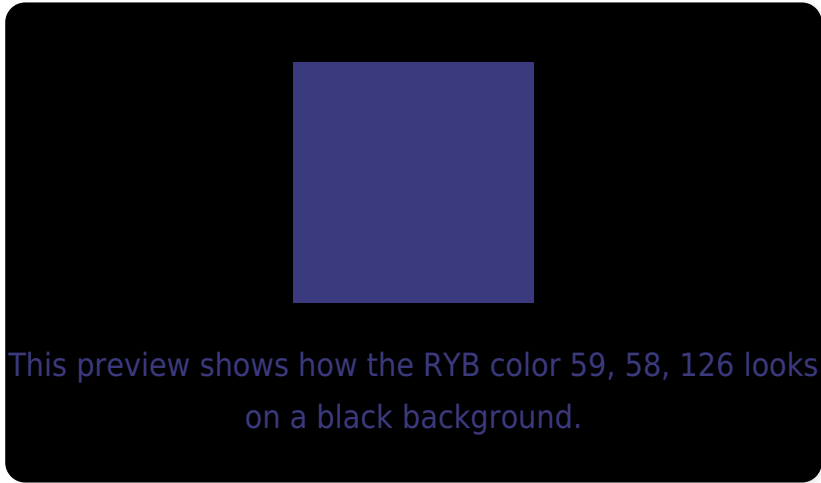
Large Text (above 18pt) WCAG AA ✓ Pass

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

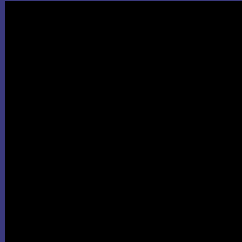
Any Text WCAG AA × Fail

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 59, 58, 126 Background



This preview shows how black text looks on a background with the RYB color 59, 58, 126.



This preview shows how white text looks on a background with the RYB color 59, 58, 126.

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
59, 58, 126

Protanopia
20, 52, 132

Deuteranopia
0, 43, 119



Tritanopia

42, 58, 76

Trichromacy



Original Color

59, 58, 126

Protanomaly

34, 56, 130

Deuteranomaly

21, 51, 122

Tritanomaly

48, 61, 94

Monochromacy



Original Color

59, 58, 126

Achromatopsia

66, 66, 66

Achromatomaly

63, 63, 88

CSS Examples

Text

The CSS property to change the color of the text to RYB 59, 58, 126 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(59, 58, 126) looks like.

```
.text, #text, p{  
    color:rgb(59, 58, 126)  
}
```

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(59, 58, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 58, 126) }
```

Border

The CSS property to change the border of an element to RYB 59, 58, 126 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(59, 58, 126) }
```

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

```
.border{ border-color:rgb(59, 58, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 58, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 58, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 58, 126);  
box-shadow:4px 4px 4px 4px rgb(59, 58,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 59, 58, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 58, 126) }
```

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

```
.background{ background-color: rgb(59, 58,  
126) }
```

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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