

Converting Colors

R_YB(53, 66, 127)

Have a look what the booklet for
RYB(53, 66, 127) contains.

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Color

R_YB(53, 66, 127)

Conversions

Conversions Part 1

Format	Color
Hex	35457F
RGB	53, 69, 127
RGB Percent	21%, 27%, 50%
CMY	0.7922, 0.7303, 0.5020
CMYK	0.58, 0.46, 0.00, 0.50
HSL	227°, 41%, 35%
HSV	227°, 58%, 50%
XYZ	7.4130, 6.5173, 20.9459
YIQ	70.8280, -28.1540, 14.6460

Conversions

Conversions Part 2

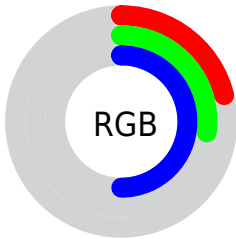
Format	Color
R_{YB}	53, 66, 127
Decimal	3491199
CIE Lab	30.68, 12.41, -34.97
CIE LCh	31, 37.106, 289.543
Yxy	6.5173, 0.2126, 0.1869
Android (android.graphics.Color)	4281681279 (0xFF35457F)
YUV	70.8280, 27.6928, -15.6352
Hunter-Lab	25.5289, 7.1566, -30.7759

Details

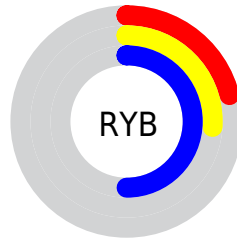
The RYB color **53, 66, 127** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73, 127, 53**, and the grayscale version is **70, 70, 70**.

A 20% lighter version of the original color is **106, 116, 180**, and **0, 20, 77** is the 20% darker color. If you saturate the color by 10%, you get **40, 56, 127**, and if you desaturate by 10%, it is **66, 77, 127**.

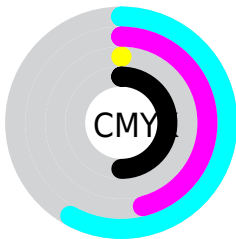
Distribution



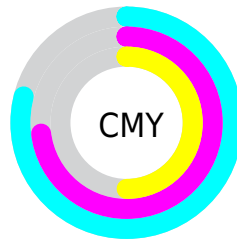
- Red (21%)
- Green (27%)
- Blue (50%)



- Red (21%)
- Yellow (26%)
- Blue (50%)



- Cyan (58%)
- Magenta (46%)
- Yellow (0%)
- Black (50%)



- Cyan (79%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 53, 66, 127 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 53, 66, 127 by changing the saturation by 10% instead.

■ 53, 66, 127

■ 53, 66, 127

255, 255, 255

■ 24, 42, 102

■ 106, 116, 180

■ 0, 19, 77

■ 133, 141, 208

■ 0, 0, 54

■ 160, 168, 236

■ 0, 2, 32

■ 188, 195, 255

■ 0, 0, 4

■ 216, 223, 255

■ 0, 0, 0

■ 245, 249, 255

■ 53, 66, 127

■ 53, 66, 127

■ 40, 56, 127

■ 66, 77, 127

■ 28, 45, 127

■ 78, 87, 127

■ 15, 35, 127

■ 91, 98, 127

■ 2, 24, 127

■ 104, 108, 127

■ 0, 22, 127

■ 117, 119, 127

■ 127, 129, 127

■ 131, 142, 127

■ 135, 155, 127

■ 137, 167, 127

Harmonies

Analogous

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



0, 49, 129



53, 66, 127



97, 56, 110

Triad

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



53, 66, 127



115, 66, 29



0, 49, 85

Complementary

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



53, 66, 127



73, 127, 53

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.



32, 82, 81



53, 66, 127



51, 95, 9

Square

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



53, 66, 127



124, 46, 55



10, 76, 17



0, 44, 91

Rectangle

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



53, 66, 127



114, 48, 93



10, 76, 17



0, 53, 85

Sweetspot

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



53, 66, 127



138, 143, 166



53, 94, 127



67, 70, 84



212, 212, 212



84, 84, 84

Same Dimension

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



53, 66, 127



50, 70, 166



74, 53, 127



57, 59, 64



0, 22, 128



0, 0, 0

Inverse Universe

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



127, 53, 69



166, 50, 74



53, 127, 74



64, 57, 59



128, 0, 27



0, 0, 0

Previews

White Background



This preview shows how the RYB color 53, 66, 127 looks on a white background.

Color Contrast Check

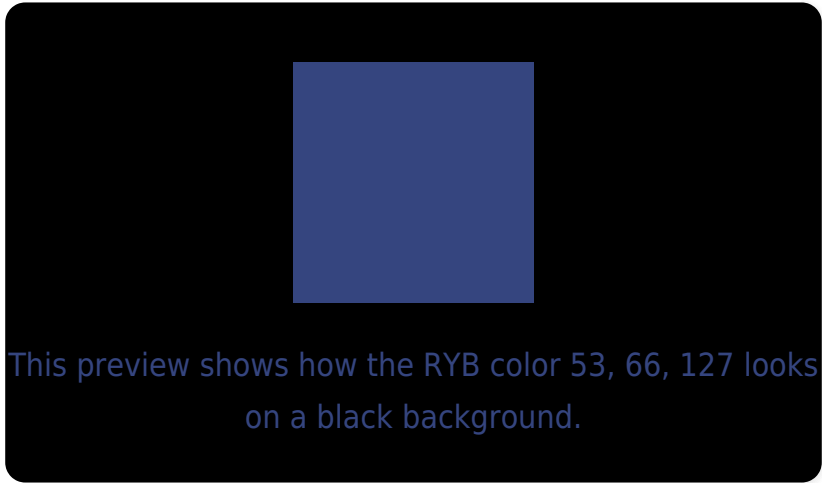
Large Text (above 18pt) WCAG AA ✓ Pass

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

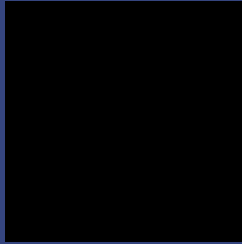
Any Text WCAG AA × Fail

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 53, 66, 127 Background



This preview shows how black text looks on a background with the RYB color 53, 66, 127.



This preview shows how white text looks on a background with the RYB color 53, 66, 127.

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

53, 66, 127

Protanopia

45, 64, 128

Deuteranopia

27, 58, 126



Tritanopia

35, 58, 85

Trichromacy



Original Color

53, 66, 127

Protanomaly

48, 65, 128

Deuteranomaly

36, 61, 126

Tritanomaly

42, 63, 100

Monochromacy



Original Color

53, 66, 127

Achromatopsia

71, 71, 71

Achromatomaly

64, 69, 91

CSS Examples

Text

The CSS property to change the color of the text to RYB 53, 66, 127 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(53, 69, 127)` looks like.

```
.text, #text, p{  
    color:rgb(53, 69, 127)  
}
```

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(53, 69, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 69, 127) }
```

Border

The CSS property to change the border of an element to RYB 53, 66, 127 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(53, 69, 127) }
```

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

```
.border{ border-color:rgb(53, 69, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 69, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 69, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 69, 127); box-shadow:4px 4px 4px 4px rgb(53, 69, 127) }
```

Background

The CSS property to change the background color of an element to RGB 53, 69, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 69, 127) }
```

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

```
.background{ background-color: rgb(53, 69,  
127) }
```

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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