

Converting Colors

`RYB(54, 83, 156)`

Have a look what the booklet for
RYB(54, 83, 156) contains.

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Color

R_YB(54, 83, 156)

Conversions

Conversions Part 1

Format	Color
Hex	365F9C
RGB	54, 95, 156
RGB Percent	21%, 37%, 61%
CMY	0.7882, 0.6293, 0.3882
CMYK	0.65, 0.39, 0.00, 0.39
HSL	216°, 49%, 41%
HSV	216°, 65%, 61%
XYZ	11.5712, 11.2829, 33.0204
YIQ	89.6950, -44.0170, 10.2790

Conversions

Conversions Part 2

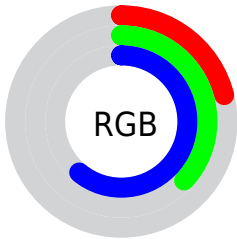
Format	Color
R_{YB}	54, 83, 156
Decimal	3563420
CIE Lab	40.05, 6.20, -37.73
CIE LCh	40, 38.234, 279.335
Yxy	11.2829, 0.2071, 0.2019
Android (android.graphics.Color)	4281753500 (0xFF365F9C)
YUV	89.6950, 32.6884, -31.3045
Hunter-Lab	33.5900, 2.7080, -34.7717

Details

The RYB color **54, 83, 156** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **123, 156, 54**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **111, 136, 211**, and **0, 34, 104** is the 20% darker color. If you saturate the color by 10%, you get **38, 72, 156**, and if you desaturate by 10%, it is **70, 94, 156**.

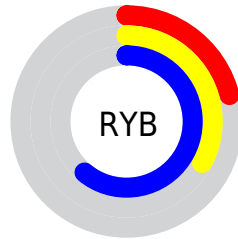
Distribution



Red (21%)

Green (37%)

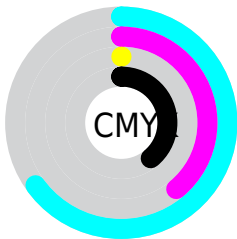
Blue (61%)



Red (21%)

Yellow (33%)

Blue (61%)

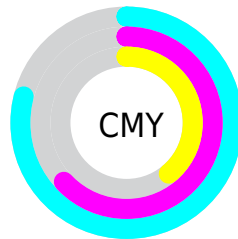


Cyan (65%)

Magenta (39%)

Yellow (0%)

Black (39%)



Cyan (79%)















Magenta (63%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 83, 156 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 54, 83, 156 by changing the saturation by 10% instead.

 54, 83, 156	 54, 83, 156
255, 255, 255	 18, 54, 130
 111, 136, 211	 0, 33, 104
 139, 163, 239	 0, 21, 80
 167, 190, 255	 0, 1, 57
 195, 215, 255	 0, 2, 34
 224, 240, 255	 0, 0, 8
254, 255, 255	 0, 0, 0

 54, 83, 156	 54, 83, 156
 38, 72, 156	 70, 94, 156

■ 23, 61, 156

■ 85, 105, 156

■ 7, 49, 156

■ 101, 117, 156

■ 0, 44, 156

■ 116, 127, 156

■ 132, 139, 156

■ 148, 150, 156

■ 161, 163, 156

■ 171, 179, 156

■ 181, 194, 156

Harmonies

Analogous

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



0, 62, 152



54, 83, 156



109, 82, 143

Triad

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



54, 83, 156



147, 77, 56



8, 69, 108

Complementary

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



54, 83, 156



123, 156, 54

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.



44, 104, 79



54, 83, 156



118, 129, 35

Square

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



54, 83, 156



152, 66, 86



35, 102, 28



0, 57, 110

Rectangle

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



54, 83, 156



132, 74, 127



35, 102, 28



38, 90, 107

Sweetspot

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



54, 83, 156



163, 175, 204



54, 118, 156



78, 85, 102



230, 230, 230



102, 102, 102

Same Dimension

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



54, 83, 156



45, 90, 204



64, 54, 156



71, 73, 79



0, 41, 143



0, 4, 15

Inverse Universe

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



156, 54, 95



204, 45, 108



54, 156, 64



79, 71, 74



143, 0, 57



15, 0, 6

Previews

White Background



This preview shows how the RYB color 54, 83, 156 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 × Fail

Black Background



This preview shows how the RYB color 54, 83, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

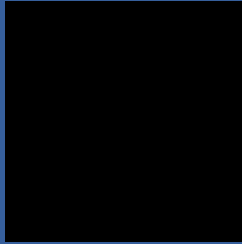
Any Text WCAG AA × Fail

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 54, 83, 156 Background



This preview shows how black text looks on a background with the RYB color 54, 83, 156.



This preview shows how white text looks on a background with the RYB color 54, 83, 156.

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

54, 83, 156

Protanopia

69, 87, 154

Deuteranopia

53, 83, 156



Tritanopia
27, 67, 112

Trichromacy



Original Color

54, 83, 156

Protanomaly

64, 86, 155

Deuteranomaly

53, 83, 156

Tritanomaly

37, 75, 128

Monochromacy



Original Color

54, 83, 156

Achromatopsia

89, 89, 89

Achromatomaly

76, 87, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 83, 156 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(54, 95, 156)` looks like.

```
.text, #text, p{  
    color:rgb(54, 95, 156)  
}
```

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(54, 95, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 95, 156) }
```

Border

The CSS property to change the border of an element to RYB 54, 83, 156 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(54, 95, 156) }
```

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

```
.border{ border-color:rgb(54, 95, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 95, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 95, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 95, 156);  
box-shadow:4px 4px 4px 4px rgb(54, 95,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 54, 83, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 95, 156) }
```

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

```
.background{ background-color: rgb(54, 95,  
156) }
```

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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