Converting Colors

RYB(73, 101, 116)

Have a look what the booklet for RYB(73, 101, 116) contains.

Color

RYB(73, 101, 116)

Conversions

Conversions Part 1

Format	Color
Hex	497460
RGB	73, 116, 96
RGB Percent	29%, 45%, 38%
CMY	0.7137, 0.5451, 0.6234
CMYK	0.37, 0.00, 0.17, 0.55
HSL	152°, 23%, 37%
HSV	152°, 37%, 45%
XYZ	11.1060, 14.7524, 13.3371
YIQ	100.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

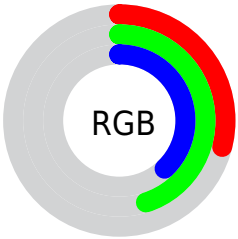
Format	Color
RYB	73, 101, 116
Decimal	4813920
CIELab	45.29, -19.75, 6.35
CIELCh	45, 20.749, 162.174
Yxy	14.7524, 0.2833, 0.3764
Android (android.graphics.Color)	4283004000 (0xFF497460)
YUV	100.8630, -2.3975, -24.4359
Hunter-Lab	38.4089, -15.6019, 6.2984

Details

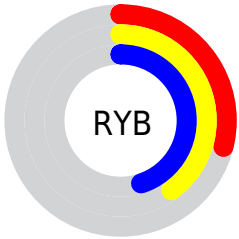
The RYB color 73, 101, 116 is a dark color, and the websafe version is hex 336666. A complement of this color would be 116, 73, 93, and the grayscale version is 101, 101, 101.

A 20% lighter version of the original color is 123, 153, 168, and 25, 52, 68 is the 20% darker color. If you saturate the color by 10%, you get 61, 97, 116, and if you desaturate by 10%, it is 85, 105, 116.

Distribution

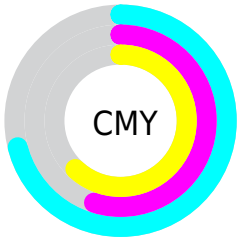


- Red (29%)
- Green (45%)
- Blue (38%)



- Red (29%)
- Yellow (40%)
- Blue (45%)

- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (71%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 101, 116 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 73, 101, 116 by changing the saturation by 10% instead.

73, 101, 116	73, 101, 116
255, 255, 255	49, 76, 91
123, 152, 168	25, 52, 68
150, 181, 196	0, 27, 45
177, 209, 224	0, 23, 26
204, 236, 252	0, 0, 0
233, 244, 255	

73, 101, 116	73, 101, 116
61, 97, 116	85, 105, 116
50, 93, 116	96, 109, 116

38, 89, 116

27, 85, 116

15, 81, 116

3, 76, 116

0, 76, 116

108, 113, 116

119, 116, 118

131, 116, 123

143, 116, 128

154, 116, 134

166, 116, 139

177, 116, 145

Harmonies

Analogous

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

81, 113, 101

73, 101, 116

57, 88, 117

Triad

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

73, 101, 116

95, 104, 141

139, 100, 85

Complementary

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

73, 101, 116

116, 73, 93

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.

142, 94, 101

73, 101, 116

119, 100, 133

Square

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

73, 101, 116

70, 96, 140

135, 96, 118

125, 129, 75

Rectangle

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

73, 101, 116

52, 86, 125

135, 96, 118

141, 97, 90

Sweetspot

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

73, 101, 116

134, 144, 150

73, 116, 96

67, 74, 77

204, 204, 204

77, 77, 77

Same Dimension

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

73, 101, 116

84, 127, 150

73, 94, 116

53, 57, 59

0, 79, 122

0, 163, 250

Inverse Universe

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

116, 73, 93

150, 84, 115

116, 74, 73

59, 53, 56

122, 0, 57

250, 0, 116

Previews

White Background

This preview shows how the RYB color 73, 101, 116 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

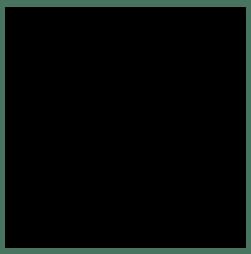
This preview shows how the RYB color 73, 101, 116 looks on a black background.

Color Contrast Check

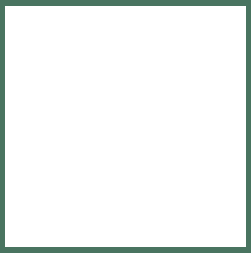
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RYB 73, 101, 116 Background



This preview shows how black text looks on a background with the RYB color 73, 101, 116.



This preview shows how white text looks on a background with the RYB color 73, 101, 116.

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
73, 101, 116

Protanopia
99, 112, 91

Deuteranopia
120, 104, 99

Tritanopia
79, 97, 121

Trichromacy

Original Color
73, 101, 116

Protanomaly
93, 110, 105

Deuteranomaly
98, 108, 103

Tritanomaly
77, 95, 113

Monochromacy

Original Color
73, 101, 116

Achromatopsia
101, 101, 101

Achromatomaly
91, 101, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 101, 116 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(73, 116, 96) looks like.

```
.text, #text, p{
    color:rgb(73, 116, 96)
}
```

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(73, 116, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 116, 96) }
```

Border

The CSS property to change the border of an element to RYB 73, 101, 116 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(73, 116, 96) }
```

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

```
.border{ border-color:rgb(73, 116, 96) }
```

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

Here you see how a box with a 4 pixel rgb(73, 116, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(73, 116, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(73, 116, 96); box-shadow:4px 4px 4px 4px rgb(73, 116, 96) }
```

Background

The CSS property to change the background color of an element to RYB 73, 101, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(73, 116, 96) }
```

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

```
.background{ background-color:rgb(73, 116,
96) }
```

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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