

Converting Colors

`RYB(108, 171, 164)`

Have a look what the booklet for
RYB(108, 171, 164) contains.

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Color

R_YB(108, 171, 164)

Conversions

Conversions Part 1

Format	Color
Hex	73AB6C
RGB	115, 171, 108
RGB Percent	45%, 67%, 42%
CMY	0.5490, 0.3294, 0.5765
CMYK	0.33, 0.00, 0.37, 0.33
HSL	113°, 27%, 55%
HSV	113°, 37%, 67%
XYZ	24.3399, 33.8534, 19.4389
YIQ	147.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

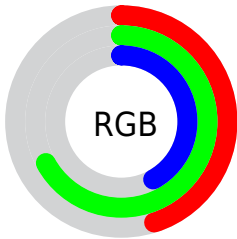
Format	Color
RYB	108, 171, 164
Decimal	7580524
CIELab	64.85, -30.96, 26.77
CIELCh	65, 40.931, 139.147
Yxy	33.8534, 0.3135, 0.4361
Android (android.graphics.Color)	4285770604 (0xFF73AB6C)
YUV	147.0740, -19.2635, -28.1289
Hunter-Lab	58.1836, -27.1496, 20.9201

Details

The RYB color **108, 171, 164** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **164, 108, 171**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **160, 227, 218**, and **59, 118, 113** is the 20% darker color. If you saturate the color by 10%, you get **91, 171, 162**, and if you desaturate by 10%, it is **125, 171, 166**.

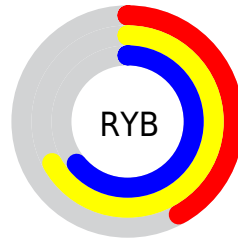
Distribution



Red (45%)

Green (67%)

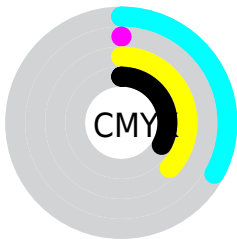
Blue (42%)



Red (42%)

Yellow (67%)

Blue (64%)

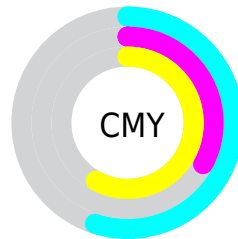


Cyan (33%)

Magenta (0%)

Yellow (37%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 171, 164 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 108, 171, 164 by changing the saturation by 10% instead.

 108, 171, 164

255, 255, 255


 160, 227, 218


 187, 255, 245

 215, 255, 245

 244, 255, 245

 108, 171, 164

 83, 144, 138

 59, 118, 113


 37, 93, 92


 8, 64, 69

 0, 46, 46

 0, 26, 26


 0, 0, 0

 108, 171, 164


 91, 171, 162

 108, 171, 164


 125, 171, 166

 74, 171, 160


 142, 171, 168


 57, 171, 159

 159, 171, 169


 40, 171, 157

 176, 171, 176


 23, 171, 155

 191, 171, 193

 5, 171, 152

 206, 171, 211

 0, 171, 152

 221, 171, 228

 237, 171, 245

 252, 171, 255

Harmonies

Analogous

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



86, 162, 91



108, 171, 164



61, 128, 176

Triad

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



108, 171, 164



70, 129, 229



228, 129, 135

Complementary

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



108, 171, 164



164, 108, 171

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.



219, 129, 172



108, 171, 164



141, 152, 226

Square

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



108, 171, 164



0, 95, 212



190, 139, 206



217, 154, 103

Rectangle

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



108, 171, 164



0, 91, 177



190, 139, 206



227, 128, 147

Sweetspot

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



108, 171, 164



197, 222, 219



116, 171, 108



98, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



108, 171, 164



124, 222, 211



108, 154, 171



78, 87, 86



0, 150, 133



0, 23, 20

Inverse Universe

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



164, 108, 171



211, 124, 222



171, 108, 147



86, 78, 87



134, 0, 150



20, 0, 23

Previews

White Background



This preview shows how the RYB color 108, 171, 164 looks on a white 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

Black Background



This preview shows how the RYB color 108, 171, 164 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 108, 171, 164 Background



This preview shows how black text looks on a background with the RYB color 108, 171, 164.



This preview shows how white text looks on a background with the RYB color 108, 171, 164.

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
108, 171, 164

Protanopia
118, 170, 102

Deuteranopia
184, 186, 113



Tritanopia
127, 148, 176

Trichromacy



Original Color

108, 171, 164

Protanomaly

104, 162, 116

Deuteranomaly

113, 160, 111

Tritanomaly

123, 149, 166

Monochromacy



Original Color

108, 171, 164

Achromatopsia

147, 147, 147

Achromatomaly

133, 156, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 171, 164 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(115, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(115, 171, 108)  
}
```

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(115, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 171, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 171, 164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

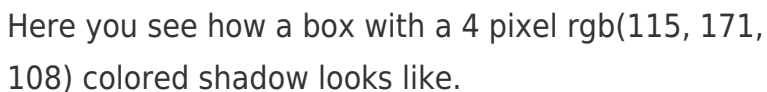
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 171, 108) }
```

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

```
.border{ border-color:rgb(115, 171, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 171, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 171, 108); box-shadow:4px 4px 4px 4px rgb(115, 171, 108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 171, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 171, 108) }
```

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

```
.background{ background-color: rgb(115,  
171, 108) }
```

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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