

Converting Colors

`RYB(60, 135, 124)`

Have a look what the booklet for
RYB(60, 135, 124) contains.

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Color

R_YB(60, 135, 124)

Conversions

Conversions Part 1

Format	Color
Hex	47873C
RGB	71, 135, 60
RGB Percent	28%, 53%, 24%
CMY	0.7216, 0.4706, 0.7647
CMYK	0.47, 0.00, 0.56, 0.47
HSL	111°, 38%, 38%
HSV	111°, 56%, 53%
XYZ	12.0781, 18.9938, 7.3045
YIQ	107.3140, -14.0690, -36.8930

Conversions

Conversions Part 2

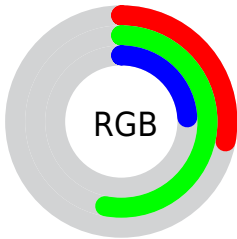
Format	Color
RYB	60, 135, 124
Decimal	4687676
CIELab	50.68, -36.04, 33.70
CIELCh	51, 49.339, 136.920
Yxy	18.9938, 0.3147, 0.4949
Android (android.graphics.Color)	4282877756 (0xFF47873C)
YUV	107.3140, -23.3258, -31.8474
Hunter-Lab	43.5819, -26.7994, 20.5700

Details

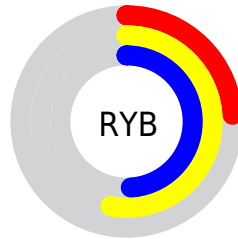
The RYB color **60, 135, 124** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **124, 60, 135**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **109, 189, 174**, and **11, 84, 82** is the 20% darker color. If you saturate the color by 10%, you get **47, 135, 123**, and if you desaturate by 10%, it is **74, 135, 126**.

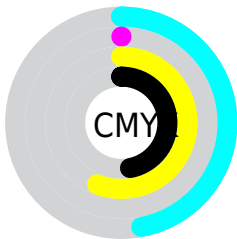
Distribution



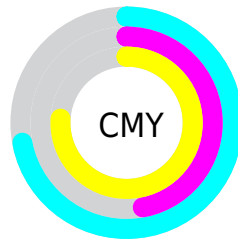
- Red (28%)
- Green (53%)
- Blue (24%)



- Red (24%)
- Yellow (53%)
- Blue (49%)



- Cyan (47%)
- Magenta (0%)
- Yellow (56%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 135, 124 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 60, 135, 124 by changing the saturation by 10% instead.



60, 135, 124



60, 135, 124

255, 255, 255



36, 109, 101



109, 189, 174



11, 84, 82



135, 217, 201



0, 61, 61



162, 246, 229



0, 39, 39



189, 255, 237



0, 5, 5



217, 255, 236



0, 0, 0



246, 255, 246



60, 135, 124



60, 135, 124



47, 135, 123



74, 135, 126

■ 33, 135, 120

■ 87, 135, 128

■ 19, 135, 118

■ 101, 135, 130

■ 6, 135, 116

■ 114, 135, 132

■ 0, 135, 115

■ 128, 135, 134

■ 140, 135, 141

■ 152, 135, 155

■ 163, 135, 168

■ 175, 135, 182

Harmonies

Analogous

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



32, 126, 38



60, 135, 124



0, 82, 140

Triad

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



60, 135, 124



0, 79, 202



198, 83, 99

Complementary

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



60, 135, 124



124, 60, 135

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.



188, 84, 141



60, 135, 124



87, 111, 201

Square

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



60, 135, 124



0, 78, 181



153, 99, 179



186, 108, 61

Rectangle

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



60, 135, 124



0, 74, 141



153, 99, 179



197, 81, 113

Sweetspot

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



60, 135, 124



146, 176, 172



73, 135, 60



71, 89, 86



217, 217, 217



89, 89, 89

Same Dimension

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



60, 135, 124



58, 176, 159



60, 116, 135



60, 66, 65



0, 130, 111



0, 3, 3

Inverse Universe

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



124, 60, 135



159, 58, 176



135, 60, 109



65, 60, 66



111, 0, 130



2, 0, 3

Previews

White Background



This preview shows how the RYB color 60, 135, 124 looks on a white 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

Black Background



This preview shows how the RYB color 60, 135, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

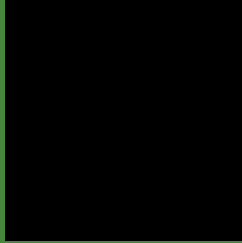
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 60, 135, 124 Background



This preview shows how black text looks on a background with the R Y B color 60, 135, 124.



This preview shows how white text looks on a background with the R Y B color 60, 135, 124.

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

60, 135, 124

Protanopia

71, 133, 55

Deuteranopia

122, 147, 66



Tritanopia
86, 109, 137

Trichromacy



Original Color
60, 135, 124

Protanomaly
57, 125, 72

Deuteranomaly
64, 122, 67

Tritanomaly
81, 112, 130

Monochromacy



Original Color
60, 135, 124

Achromatopsia
107, 107, 107

Achromatomaly
90, 117, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 135, 124 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(71, 135, 60)` looks like.

```
.text, #text, p{  
    color:rgb(71, 135, 60)  
}
```

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(71, 135, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 135, 60) }
```

Border

The CSS property to change the border of an element to RYB 60, 135, 124 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(71, 135, 60) }
```

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

```
.border{ border-color:rgb(71, 135, 60) }
```

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

Here you see how a box with a 4 pixel rgb(71, 135, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 135, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 135, 60);  
box-shadow:4px 4px 4px 4px rgb(71, 135,  
60) }
```

Background

The CSS property to change the background color of an element to RYB 60, 135, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 135, 60) }
```

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

```
.background{ background-color: rgb(71, 135,  
60) }
```

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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