

Converting Colors

`RYB(79, 144, 75)`

Have a look what the booklet for
RYB(79, 144, 75) contains.

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Color

RYB(79, 144, 75)

Conversions

Conversions Part 1

Format	Color
Hex	908C4B
RGB	144, 140, 75
RGB Percent	56%, 55%, 29%
CMY	0.4353, 0.4501, 0.7059
CMYK	0.00, 0.03, 0.48, 0.44
HSL	57°, 32%, 43%
HSV	57°, 48%, 56%
XYZ	22.1817, 25.2576, 10.3627
YIQ	133.7860, 23.2490, -19.3670

Conversions

Conversions Part 2

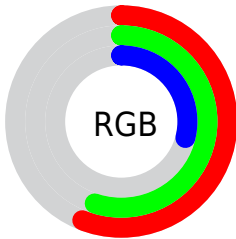
Format	Color
RYB	79, 144, 75
Decimal	9473099
CIELab	57.33, -8.22, 35.11
CIElCh	57, 36.059, 103.177
Yxy	25.2576, 0.3838, 0.4370
Android (android.graphics.Color)	4287663179 (0xFF908C4B)
YUV	133.7860, -28.9815, 8.9577
Hunter-Lab	50.2569, -9.1656, 22.9546

Details

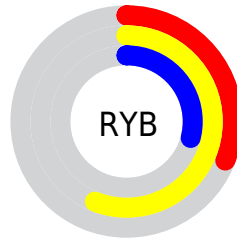
The RYB color **79, 144, 75** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **75, 79, 144**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **132, 199, 125**, and **29, 92, 27** is the 20% darker color. If you saturate the color by 10%, you get **66, 144, 61**, and if you desaturate by 10%, it is **92, 144, 89**.

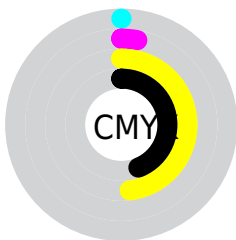
Distribution



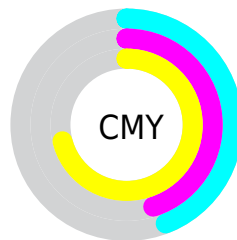
- Red (56%)
- Green (55%)
- Blue (29%)



- Red (31%)
- Yellow (56%)
- Blue (29%)



- Cyan (0%)
- Magenta (3%)
- Yellow (48%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 144, 75 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 79, 144, 75 by changing the saturation by 10% instead.



79, 144, 75



79, 144, 75

255, 255, 255



53, 117, 51



130, 199, 125



29, 92, 27



160, 228, 152



2, 67, 2



184, 255, 179



0, 45, 1



206, 255, 206



0, 25, 7



235, 255, 235



0, 0, 0



79, 144, 75



79, 144, 75



66, 144, 61



92, 144, 89



51, 144, 46



106, 144, 104

■ 38, 144, 32

■ 119, 144, 118

■ 24, 144, 17

■ 134, 144, 133

■ 11, 144, 3

■ 144, 144, 147

■ 8, 144, 0

■ 144, 145, 161

■ 144, 146, 176

■ 144, 147, 190

■ 144, 147, 205

Harmonies

Analogous

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



155, 173, 77



79, 144, 75



90, 148, 129

Triad

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



79, 144, 75



0, 82, 180



187, 115, 157

Complementary

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



79, 144, 75



75, 79, 144

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.



159, 124, 184



79, 144, 75



50, 108, 197

Square

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



79, 144, 75



0, 78, 154



113, 131, 199



198, 113, 125

Rectangle

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



79, 144, 75



82, 133, 152



113, 131, 199



180, 117, 167

Sweetspot

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



79, 144, 75



161, 186, 160



144, 75, 80



79, 94, 78



222, 222, 222



94, 94, 94

Same Dimension

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



79, 144, 75



84, 186, 78



75, 144, 105



64, 71, 64



7, 135, 0



1, 8, 0

Inverse Universe

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



75, 79, 144



78, 84, 186



105, 75, 144



64, 65, 71



0, 7, 135



0, 0, 8

Previews

White Background



This preview shows how the RYB color 79, 144, 75 looks on a white background.

Color Contrast Check

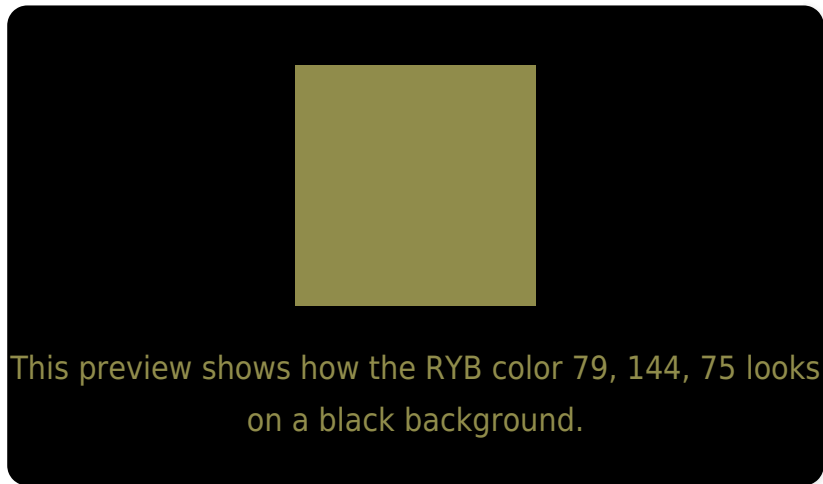
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

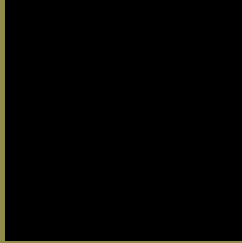
Any Text WCAG AA ✓ Pass

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](#).

RYP 79, 144, 75 Background



This preview shows how black text looks on a background with the RYP color 79, 144, 75.



This preview shows how white text looks on a background with the RYP color 79, 144, 75.

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


79, 144, 75

Protanopia

91, 152, 74

Deuteranopia

139, 168, 77



Tritanopia
151, 133, 143

Trichromacy



Original Color

79, 144, 75

Protanomaly

86, 149, 74

Deuteranomaly

112, 159, 76

Tritanomaly

138, 148, 118

Monochromacy



Original Color

79, 144, 75

Achromatopsia

134, 134, 134

Achromatomaly

115, 138, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 144, 75 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(144, 140, 75)` looks like.

```
.text, #text, p{  
    color:rgb(144, 140, 75)  
}
```

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(144, 140, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 140, 75) }
```

Border

The CSS property to change the border of an element to RYB 79, 144, 75 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(144, 140, 75) }
```

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

```
.border{ border-color:rgb(144, 140, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 140, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 140, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 140, 75);  
box-shadow:4px 4px 4px 4px rgb(144, 140,  
75) }
```

Background

The CSS property to change the background color of an element to RYB 79, 144, 75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 140, 75) }
```

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

```
.background{ background-color: rgb(144,  
140, 75) }
```

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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