

Converting Colors

`RYB(90, 135, 126)`

Have a look what the booklet for
RYB(90, 135, 126) contains.

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Color

`RYB(90, 135, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	63875A
RGB	99, 135, 90
RGB Percent	39%, 53%, 35%
CMY	0.6118, 0.4706, 0.6471
CMYK	0.27, 0.00, 0.33, 0.47
HSL	108°, 20%, 44%
HSV	108°, 33%, 53%
XYZ	15.6550, 20.7188, 12.8469
YIQ	119.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

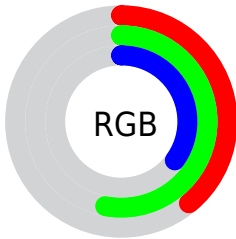
Format	Color
R_{YB}	90, 135, 126
Decimal	6522714
CIE _{Lab}	52.64, -21.78, 20.25
CIE _{LCh}	53, 29.744, 137.089
Yxy	20.7188, 0.3181, 0.4209
Android (android.graphics.Color)	4284712794 (0xFF63875A)
YUV	119.1060, -14.3493, -17.6330
Hunter-Lab	45.5179, -18.2646, 15.1286

Details

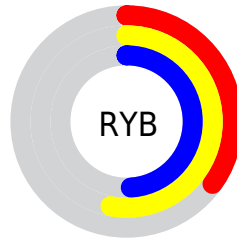
The RYB color **90, 135, 126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **126, 90, 135**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **140, 188, 177**, and **44, 85, 78** is the 20% darker color. If you saturate the color by 10%, you get **77, 135, 124**, and if you desaturate by 10%, it is **104, 135, 129**.

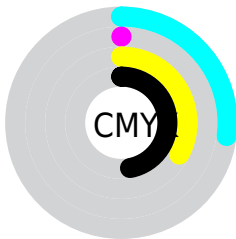
Distribution



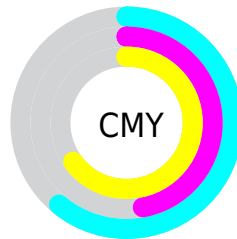
- Red (39%)
- Green (53%)
- Blue (35%)



- Red (35%)
- Yellow (53%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)
- Black (47%)



- Cyan (61%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 90, 135, 126 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 90, 135, 126 by changing the saturation by 10% instead.



90, 135, 126



90, 135, 126

255, 255, 255



66, 110, 102



140, 188, 177



44, 85, 78



167, 216, 205



22, 62, 57



194, 245, 233



0, 39, 32



222, 255, 243



0, 17, 17



251, 255, 251



0, 0, 0



90, 135, 126



90, 135, 126



77, 135, 124




104, 135, 129





63, 135, 121





117, 135, 131

 50, 135, 118

 131, 135, 135


 36, 135, 115


 142, 135, 144

 23, 135, 113

 153, 135, 158


 9, 135, 110

 164, 135, 171

 0, 135, 108

 175, 135, 185

 185, 135, 198

 196, 135, 212

Harmonies

Analogous

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



76, 129, 77



90, 135, 126



66, 110, 139

Triad

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



90, 135, 126



70, 109, 175



176, 106, 112

Complementary

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



90, 135, 126



126, 90, 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.



168, 107, 138



90, 135, 126



112, 121, 174

Square

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



90, 135, 126



27, 88, 162



147, 114, 161



169, 121, 89

Rectangle

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



90, 135, 126



43, 93, 139



147, 114, 161



175, 106, 120

Sweetspot

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



90, 135, 126



158, 176, 172



101, 135, 90



79, 89, 87



217, 217, 217



89, 89, 89

Same Dimension

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



90, 135, 126



106, 176, 162



90, 124, 135



60, 66, 65



0, 130, 104



0, 3, 2

Inverse Universe

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



126, 90, 135



162, 106, 176



135, 90, 122



65, 60, 66



104, 0, 130



2, 0, 3

Previews

White Background



This preview shows how the RYB color 90, 135, 126 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 90, 135, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

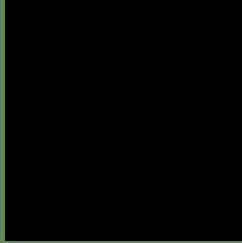
Any Text WCAG AA ✓ Pass

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 90, 135, 126 Background



This preview shows how black text looks on a background with the R Y B color 90, 135, 126.



This preview shows how white text looks on a background with the R Y B color 90, 135, 126.

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

90, 135, 126

Protanopia

99, 135, 86

Deuteranopia

148, 146, 93



Tritanopia
107, 120, 139

Trichromacy



Original Color
90, 135, 126

Protanomaly
87, 129, 94

Deuteranomaly
98, 130, 92

Tritanomaly
104, 121, 131

Monochromacy



Original Color
90, 135, 126

Achromatopsia
119, 119, 119

Achromatomaly
108, 125, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 90, 135, 126 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(99, 135, 90)` looks like.

```
.text, #text, p{  
    color:rgb(99, 135, 90)  
}
```

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(99, 135, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 135, 90) }
```

Border

The CSS property to change the border of an element to RYB 90, 135, 126 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(99, 135, 90) }
```

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

```
.border{ border-color:rgb(99, 135, 90) }
```

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

Here you see how a box with a 4 pixel rgb(99, 135, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 135, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 135, 90);  
box-shadow:4px 4px 4px 4px rgb(99, 135,  
90) }
```

Background

The CSS property to change the background color of an element to RYB 90, 135, 126 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 135, 90) }
```

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

```
.background{ background-color: rgb(99, 135,  
90) }
```

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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