

Converting Colors

`RYB(230, 154, 95)`

Have a look what the booklet for
RYB(230, 154, 95) contains.

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Color

`RYB(230, 154, 95)`

Conversions

Conversions Part 1

Format	Color
Hex	E6885F
RGB	230, 136, 95
RGB Percent	90%, 53%, 37%
CMY	0.0980, 0.4664, 0.6275
CMYK	0.00, 0.41, 0.59, 0.10
HSL	18°, 73%, 64%
HSV	18°, 59%, 90%
XYZ	43.5108, 35.2735, 15.3417
YIQ	159.4320, 69.1850, 7.1770

Conversions

Conversions Part 2

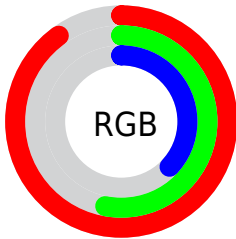
Format	Color
RYB	230, 154, 95
Decimal	15108191
CIELab	65.96, 32.07, 37.24
CIElCh	66, 49.146, 49.266
Yxy	35.2735, 0.4623, 0.3747
Android (android.graphics.Color)	4293298271 (0xFFE6885F)
YUV	159.4320, -31.7650, 61.8881
Hunter-Lab	59.3915, 26.8358, 26.2586

Details

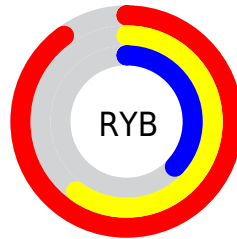
The RYB color **230, 154, 95** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **95, 150, 230**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 220, 146**, and **170, 102, 47** is the 20% darker color. If you saturate the color by 10%, you get **230, 141, 72**, and if you desaturate by 10%, it is **230, 167, 118**.

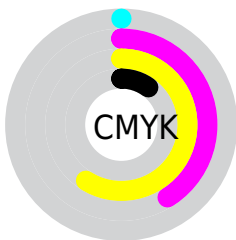
Distribution



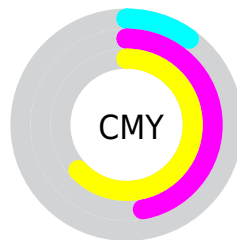
- Red (90%)
- Green (53%)
- Blue (37%)



- Red (90%)
- Yellow (60%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (59%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 154, 95 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 230, 154, 95 by changing the saturation by 10% instead.



230, 154, 95



230, 154, 95

255, 255, 255



200, 127, 71



255, 220, 146



170, 102, 47



240, 255, 173



141, 76, 24



210, 255, 201



112, 53, 0



229, 255, 229



84, 11, 0



56, 0, 0



28, 0, 1




0, 0, 0





230, 154, 95





230, 154, 95


 230, 141, 72

 230, 167, 118

 230, 128, 49

 230, 180, 141

 230, 115, 26

 230, 193, 164


 230, 102, 3

 230, 206, 187

 230, 101, 0

 230, 219, 210

 230, 231, 233

 230, 240, 255

 230, 243, 255

Harmonies

Analogous

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



243, 124, 134



230, 154, 95



149, 200, 72

Triad

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



230, 154, 95



1, 103, 182



137, 152, 244

Complementary

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



230, 154, 95



95, 150, 230

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.



0, 101, 246



230, 154, 95



0, 93, 188

Square

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



230, 154, 95



101, 176, 170



0, 100, 226



199, 138, 218

Rectangle

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



230, 154, 95



82, 173, 70



0, 100, 226



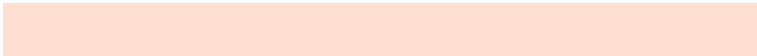
110, 147, 247

Sweetspot

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



230, 154, 95



255, 229, 209



230, 95, 190



128, 112, 99



0, 0, 0



128, 128, 128

Same Dimension

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



230, 154, 95



255, 155, 77



129, 230, 95



115, 109, 103



179, 77, 0



51, 23, 0

Inverse Universe

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



95, 150, 230



77, 150, 255



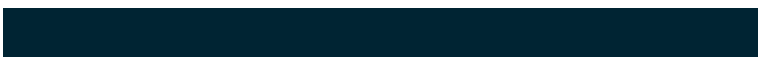
95, 118, 230



103, 108, 115



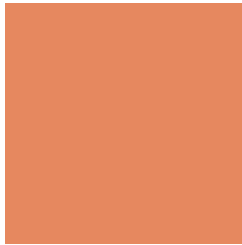
0, 73, 179



0, 21, 51

Previews

White Background



This preview shows how the RYB color 230, 154, 95 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 230, 154, 95 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](#).

R Y B 230, 154, 95 Background



This preview shows how black text looks on a background with the RYB color 230, 154, 95.



This preview shows how white text looks on a background with the RYB color 230, 154, 95.

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
230, 154, 95

Protanopia
121, 175, 104

Deuteranopia
164, 196, 91



Tritanopia
233, 130, 140

Trichromacy



Original Color
230, 154, 95

Protanomaly
180, 195, 101

Deuteranomaly
208, 197, 92

Tritanomaly
232, 133, 124

Monochromacy



Original Color
230, 154, 95

Achromatopsia
159, 159, 159

Achromatomaly
185, 158, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 154, 95 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(230, 136, 95)` looks like.

```
.text, #text, p{  
    color:rgb(230, 136, 95)  
}
```

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(230, 136, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 136, 95) }
```

Border

The CSS property to change the border of an element to RYB 230, 154, 95 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(230, 136, 95) }
```

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

```
.border{ border-color:rgb(230, 136, 95) }
```

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

Here you see how a box with a 4 pixel rgb(230, 136, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 136, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 136, 95);  
box-shadow:4px 4px 4px 4px rgb(230, 136,  
95) }
```

Background

The CSS property to change the background color of an element to RGB 230, 136, 95 is called "background".

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

```
.background, #background, body{  
background: rgb(230, 136, 95) }
```

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

```
.background{ background-color: rgb(230,  
136, 95) }
```

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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