

Converting Colors

`RYB(230, 190, 133)`

Have a look what the booklet for
RYB(230, 190, 133) contains.

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Color

R_YB(230, 190, 133)

Conversions

Conversions Part 1

Format	Color
Hex	E6A985
RGB	230, 169, 133
RGB Percent	90%, 66%, 52%
CMY	0.0980, 0.3376, 0.4784
CMYK	0.00, 0.27, 0.42, 0.10
HSL	22°, 66%, 71%
HSV	22°, 42%, 90%
XYZ	51.0366, 46.8562, 28.5445
YIQ	183.1350, 47.9120, 1.7360

Conversions

Conversions Part 2

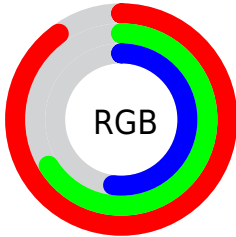
Format	Color
R _Y B	230, 190, 133
Decimal	15116677
CIE Lab	74.10, 18.05, 27.34
CIE LCh	74, 32.757, 56.572
Yxy	46.8562, 0.4037, 0.3706
Android (android.graphics.Color)	4293306757 (0xFFE6A985)
YUV	183.1350, -24.7166, 41.1006
Hunter-Lab	68.4516, 13.2971, 23.1920

Details

The RYB color **230, 190, 133** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **133, 170, 230**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **242, 255, 186**, and **172, 138, 83** is the 20% darker color. If you saturate the color by 10%, you get **230, 179, 110**, and if you desaturate by 10%, it is **230, 199, 156**.

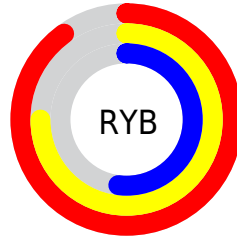
Distribution



Red (90%)

Green (66%)

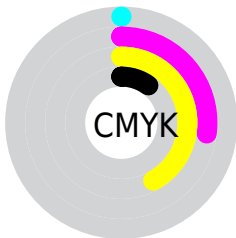
Blue (52%)



Red (90%)

Yellow (75%)

Blue (52%)

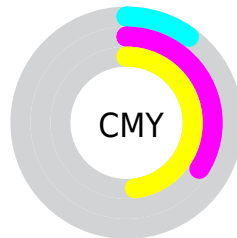


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (10%)



Cyan (10%)


Magenta (34%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 190, 133 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, 190, 133 by changing the saturation by 10% instead.

 230, 190, 133

 230, 190, 133

255, 255, 255

 201, 162, 108

 242, 255, 186

 172, 138, 83

 216, 255, 214

 144, 112, 60

 243, 255, 243

 117, 88, 37


 90, 64, 16

 65, 38, 0

 40, 0, 0

 0, 0, 0

 230, 190, 133

 230, 190, 133

■ 230, 179, 110

■ 230, 199, 156

■ 230, 171, 87

■ 230, 209, 179

■ 230, 160, 64

■ 230, 218, 202

■ 230, 152, 41

■ 230, 228, 225

■ 230, 141, 18

■ 230, 237, 248

■ 230, 135, 0

■ 230, 243, 255

Harmonies

Analogous

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



242, 161, 157



230, 190, 133



162, 206, 122

Triad

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



230, 190, 133



106, 158, 198



182, 176, 236

Complementary

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



230, 190, 133



133, 170, 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.



137, 170, 242



230, 190, 133



83, 143, 208

Square

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



230, 190, 133



140, 188, 195



96, 153, 231



217, 166, 216

Rectangle

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



230, 190, 133



124, 186, 124



96, 153, 231



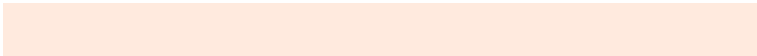
167, 177, 240

Sweetspot

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



230, 190, 133



255, 241, 222



230, 133, 194



128, 120, 107



0, 0, 0



128, 128, 128

Same Dimension

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



230, 190, 133



255, 201, 125



148, 230, 133



115, 112, 103



179, 105, 0



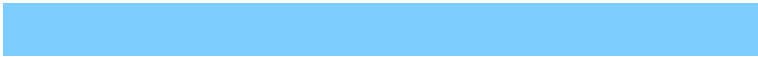
51, 30, 0

Inverse Universe

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



133, 170, 230



125, 175, 255



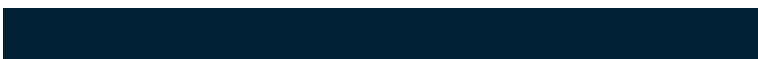
133, 144, 230



103, 108, 115



0, 69, 179



0, 20, 51

Previews

White Background



This preview shows how the RYB color 230, 190, 133 looks on a white background.

Color Contrast Check

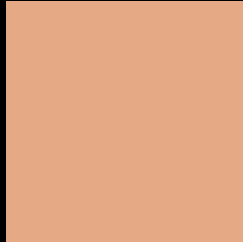
Large Text (above 18pt) WCAG AA × Fail

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, 190, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

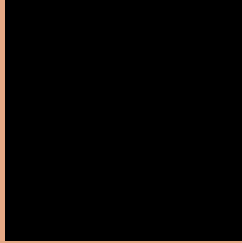
Any Text WCAG AA ✓ Pass

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 230, 190, 133 Background



This preview shows how black text looks on a background with the RYB color 230, 190, 133.




This preview shows how white text looks on a background with the RYB color 230, 190, 133.

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





Tritanopia
234, 163, 176

Trichromacy



Original Color

230, 190, 133

Protanomaly

192, 208, 137

Deuteranomaly

221, 208, 132

Tritanomaly

233, 165, 160

Monochromacy



Original Color

230, 190, 133

Achromatopsia

183, 183, 183

Achromatomaly

200, 186, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 190, 133 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, 169, 133)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 133)  
}
```

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, 169, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 133) }
```

Border

The CSS property to change the border of an element to RYB 230, 190, 133 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, 169, 133) }
```

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

```
.border{ border-color:rgb(230, 169, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 133);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 230, 190, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 133) }
```

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

```
.background{ background-color: rgb(230,  
169, 133) }
```

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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