

Converting Colors

`RYB(237, 188, 120)`

Have a look what the booklet for
RYB(237, 188, 120) contains.

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Color

`RYB(237, 188, 120)`

Conversions

Conversions Part 1	
Format	Color
Hex	EDA378
RGB	237, 163, 120
RGB Percent	93%, 64%, 47%
CMY	0.0706, 0.3608, 0.5294
CMYK	0.00, 0.31, 0.49, 0.07
HSL	22°, 76%, 70%
HSV	22°, 49%, 93%
XYZ	51.4134, 45.5569, 23.8529
YIQ	180.2240, 57.9070, 2.3150

Conversions

Conversions Part 2

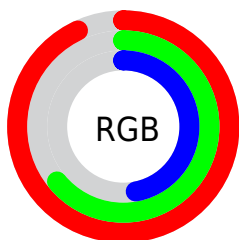
Format	Color
RYB	237, 188, 120
Decimal	15573880
CIELab	73.26, 22.67, 33.33
CIELCh	73, 40.304, 55.779
Yxy	45.5569, 0.4255, 0.3771
Android (android.graphics.Color)	4293763960 (0xFFEDA378)
YUV	180.2240, -29.6904, 49.7926
Hunter-Lab	67.4958, 17.8504, 26.2941

Details

The RYB color **237, 188, 120** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **120, 165, 237**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **240, 255, 173**, and **178, 135, 71** is the 20% darker color. If you saturate the color by 10%, you get **237, 178, 96**, and if you desaturate by 10%, it is **237, 198, 144**.

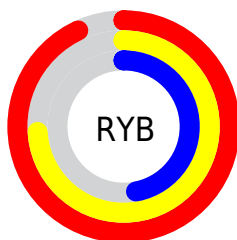
Distribution



Red (93%)

Green (64%)

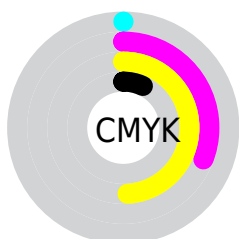
Blue (47%)



Red (93%)

Yellow (74%)

Blue (47%)

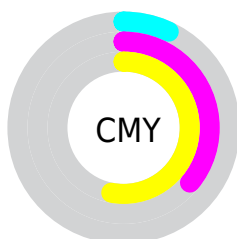


Cyan (0%)

Magenta (31%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 188, 120 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 237, 188, 120 by changing the saturation by 10% instead.


 237, 188, 120

255, 255, 255

 240, 255, 173


 209, 255, 200

 229, 255, 229

 237, 188, 120

 207, 162, 95

 178, 135, 71

 150, 110, 47

 121, 85, 25

 94, 70, 0

 67, 25, 0


 42, 0, 0

 0, 0, 0

 237, 188, 120

 237, 188, 120

 237, 178, 96

 237, 198, 144

 237, 168, 73

 237, 208, 167

 237, 158, 49

 237, 218, 191

 237, 148, 25

 237, 228, 215

 237, 138, 2

 237, 238, 238

 237, 137, 0

 237, 245, 255

 237, 246, 255

Harmonies

Analogous

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



251, 153, 150



237, 188, 120



155, 209, 106

Triad

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



237, 188, 120



77, 145, 199



176, 172, 246

Complementary

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



237, 188, 120



120, 165, 237

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.



116, 162, 253



237, 188, 120



1, 103, 211

Square

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



237, 188, 120



128, 187, 195



43, 128, 240



221, 159, 222

Rectangle

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



237, 188, 120



109, 185, 108



43, 128, 240



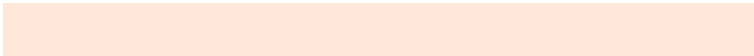
158, 174, 251

Sweetspot

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



237, 188, 120



255, 239, 217



237, 120, 194



128, 117, 105



0, 0, 0



128, 128, 128

Same Dimension

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



237, 188, 120



255, 192, 105



139, 237, 120



117, 112, 106



181, 106, 0



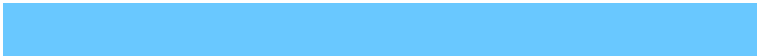
54, 32, 0

Inverse Universe

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



120, 165, 237



105, 163, 255



120, 134, 237



106, 110, 117



0, 70, 181



0, 21, 54

Previews

White Background



This preview shows how the RYB color 237, 188, 120 looks on a white background.

Color Contrast Check

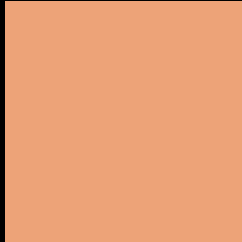
Large Text (above 18pt) WCAG AA × Fail

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 237, 188, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

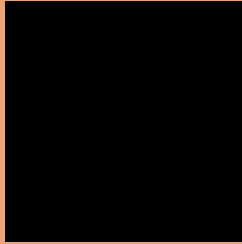
Any Text WCAG AA ✓ Pass

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 237, 188, 120 Background



This preview shows how black text looks on a background with the RYB color 237, 188, 120.



This preview shows how white text looks on a background with the RYB color 237, 188, 120.

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
237, 188, 120

Protanopia
145, 194, 127

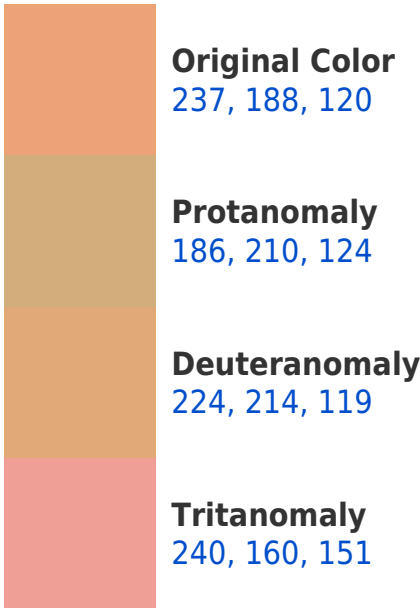
Deuteranopia
201, 217, 118



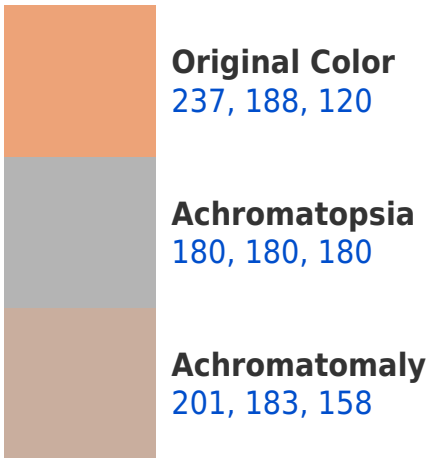
Tritanopia

241, 157, 168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 188, 120 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(237, 163, 120)` looks like.

```
.text, #text, p{  
    color:rgb(237, 163, 120)  
}
```

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(237, 163, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 163, 120) }
```

Border

The CSS property to change the border of an element to RYB 237, 188, 120 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(237, 163, 120) }
```

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

```
.border{ border-color:rgb(237, 163, 120) }
```

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

Here you see how a box with a 4 pixel rgb(237, 163, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 163, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 163, 120);  
box-shadow:4px 4px 4px 4px rgb(237, 163,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 237, 163, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 163, 120) }
```

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

```
.background{ background-color: rgb(237,  
163, 120) }
```

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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