

Converting Colors

`RYB(228, 194, 122)`

Have a look what the booklet for
RYB(228, 194, 122) contains.

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Color

R_YB(228, 194, 122)

Conversions

Conversions Part 1

Format	Color
Hex	E4A57A
RGB	228, 165, 122
RGB Percent	89%, 65%, 48%
CMY	0.1059, 0.3534, 0.5216
CMYK	0.00, 0.28, 0.46, 0.11
HSL	24°, 66%, 69%
HSV	24°, 46%, 89%
XYZ	48.9406, 44.7648, 24.4734
YIQ	178.9350, 51.3510, -0.0170

Conversions

Conversions Part 2

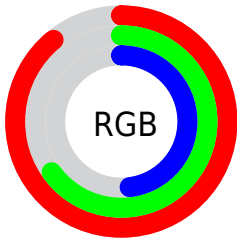
Format	Color
R _Y B	228, 194, 122
Decimal	14984570
CIE Lab	72.74, 18.27, 31.39
CIE LCh	73, 36.322, 59.801
Yxy	44.7648, 0.4141, 0.3788
Android (android.graphics.Color)	4293174650 (0xFFE4A57A)
YUV	178.9350, -28.0690, 43.0300
Hunter-Lab	66.9065, 13.4823, 25.1472

Details

The RYB color **228, 194, 122** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **122, 162, 228**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **237, 255, 175**, and **170, 141, 73** is the 20% darker color. If you saturate the color by 10%, you get **228, 186, 99**, and if you desaturate by 10%, it is **228, 200, 145**.

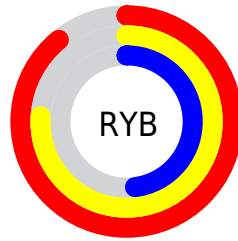
Distribution



Red (89%)

Green (65%)

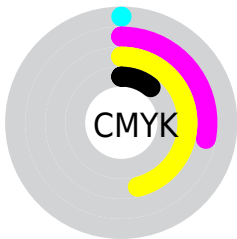
Blue (48%)



Red (89%)

Yellow (76%)

Blue (48%)

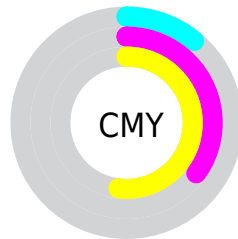


Cyan (0%)

Magenta (28%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 194, 122 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 228, 194, 122 by changing the saturation by 10% instead.

 228, 194, 122

 228, 194, 122


255, 255, 255

 199, 166, 97

 237, 255, 175

 170, 141, 73

 209, 255, 202

 142, 116, 49

 231, 255, 231

 114, 94, 27

 88, 75, 3


 61, 32, 0

 38, 0, 0

 0, 0, 0

 228, 194, 122


 228, 194, 122

 228, 186, 99

 228, 200, 145

 228, 181, 76

 228, 208, 168

 228, 171, 54

 228, 218, 190

 228, 166, 31

 228, 223, 213

 228, 157, 8

 228, 231, 236

 228, 154, 0

 228, 239, 255

 228, 242, 255

Harmonies

Analogous

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



243, 157, 147



228, 194, 122



147, 201, 112

Triad

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



228, 194, 122



85, 146, 196



182, 170, 236

Complementary

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



228, 194, 122



122, 162, 228

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.



132, 167, 244



228, 194, 122



54, 128, 210

Square

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



228, 194, 122



127, 179, 193



78, 144, 235



220, 159, 212

Rectangle

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



228, 194, 122



115, 183, 119



78, 144, 235



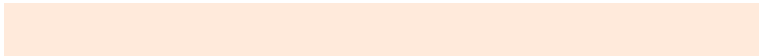
166, 173, 241

Sweetspot

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



228, 194, 122



255, 245, 219



228, 122, 186



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



228, 194, 122



255, 210, 112



134, 228, 122



115, 112, 103



179, 120, 0



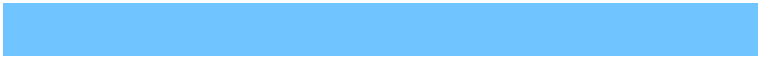
51, 36, 0

Inverse Universe

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



122, 162, 228



112, 165, 255



122, 132, 228



103, 107, 115



0, 67, 179



0, 19, 51

Previews

White Background



This preview shows how the RYB color 228, 194, 122 looks on a white background.

Color Contrast Check

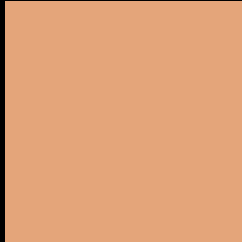
Large Text (above 18pt) WCAG AA × Fail

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 228, 194, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

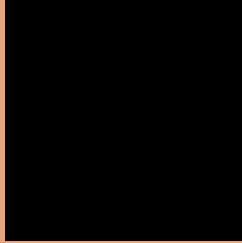
Any Text WCAG AA ✓ Pass

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 228, 194, 122 Background



This preview shows how black text looks on a background with the RYB color 228, 194, 122.



This preview shows how white text looks on a background with the RYB color 228, 194, 122.

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
228, 194, 122

Protanopia
146, 193, 128

Deuteranopia
201, 214, 121



Tritanopia
232, 158, 171

Trichromacy



Original Color
228, 194, 122

Protanomaly
179, 206, 126

Deuteranomaly
219, 215, 121

Tritanomaly
231, 162, 153

Monochromacy



Original Color
228, 194, 122

Achromatopsia
179, 179, 179

Achromatomaly
197, 185, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 194, 122 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(228, 165, 122)` looks like.

```
.text, #text, p{  
    color:rgb(228, 165, 122)  
}
```

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(228, 165, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 165, 122) }
```

Border

The CSS property to change the border of an element to RYB 228, 194, 122 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(228, 165, 122) }
```

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

```
.border{ border-color:rgb(228, 165, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 165, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 165, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 165, 122);  
box-shadow:4px 4px 4px 4px rgb(228, 165,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 228, 194, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 165, 122) }
```

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

```
.background{ background-color: rgb(228,  
165, 122) }
```

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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