

Converting Colors

`RYB(225, 172, 114)`

Have a look what the booklet for
RYB(225, 172, 114) contains.

RYB(225, 172, 114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(225, 172, 114)

Conversions

Conversions Part 1

Format	Color
Hex	E19872
RGB	225, 152, 114
RGB Percent	88%, 60%, 45%
CMY	0.1176, 0.4036, 0.5529
CMYK	0.00, 0.32, 0.49, 0.12
HSL	21°, 65%, 66%
HSV	21°, 49%, 88%
XYZ	45.3322, 39.7097, 21.1951
YIQ	169.4950, 55.7060, 3.6580

Conversions

Conversions Part 2

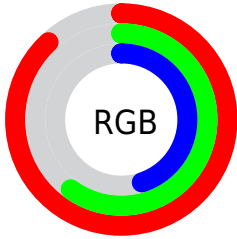
Format	Color
RYB	225, 172, 114
Decimal	14784626
CIELab	69.26, 23.14, 31.09
CIELCh	69, 38.762, 53.338
Yxy	39.7097, 0.4267, 0.3738
Android (android.graphics.Color)	4292974706 (0xFFE19872)
YUV	169.4950, -27.3590, 48.6779
Hunter-Lab	63.0156, 18.1321, 24.1690

Details

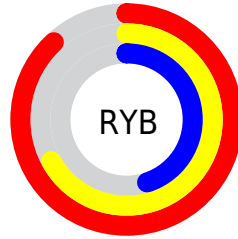
The RYB color **225, 172, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 158, 225**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 242, 166**, and **167, 121, 65** is the 20% darker color. If you saturate the color by 10%, you get **225, 160, 92**, and if you desaturate by 10%, it is **225, 183, 137**.

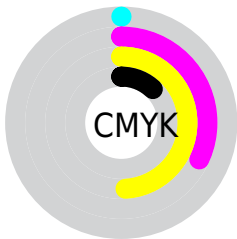
Distribution



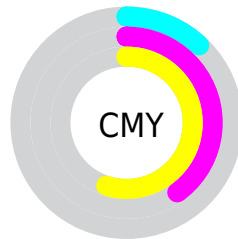
- Red (88%)
- Green (60%)
- Blue (45%)



- Red (88%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 172, 114 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 225, 172, 114 by changing the saturation by 10% instead.

 225, 172, 114

255, 255, 255

 255, 242, 166

 224, 255, 194

 222, 255, 222


 250, 255, 250

 225, 172, 114

 196, 146, 89

 167, 121, 65

 138, 95, 42

 111, 72, 20

 84, 47, 0

 57, 9, 0

 34, 0, 1


 0, 0, 0

 225, 172, 114


 225, 172, 114

 225, 160, 92

 225, 183, 137

 225, 152, 69


 225, 194, 159

 225, 140, 47

 225, 203, 182

 225, 129, 24

 225, 215, 204

 225, 117, 2

 225, 226, 227

 225, 117, 0

 225, 235, 249

 225, 240, 255

Harmonies

Analogous

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



237, 143, 143



225, 172, 114



153, 199, 99

Triad

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



225, 172, 114



75, 139, 187



162, 163, 233

Complementary

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



225, 172, 114



114, 158, 225

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.



103, 150, 238



225, 172, 114



1, 96, 196

Square

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



225, 172, 114



123, 180, 183



29, 115, 224



206, 150, 211

Rectangle

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



225, 172, 114



105, 177, 100



29, 115, 224



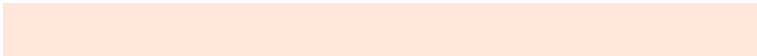
143, 162, 237

Sweetspot

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



225, 172, 114



255, 237, 217



225, 114, 188



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



225, 172, 114



255, 182, 105



135, 225, 114



112, 107, 101



176, 91, 0



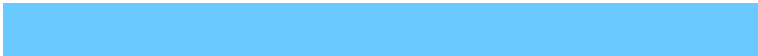
48, 26, 0

Inverse Universe

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



114, 158, 225



105, 164, 255



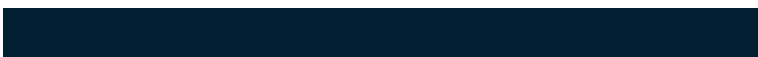
114, 130, 225



101, 105, 112



0, 70, 176



0, 19, 48

Previews

White Background



This preview shows how the RYB color 225, 172, 114 looks on a white background.

Color Contrast Check

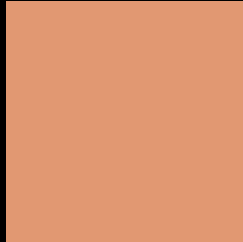
Large Text (above 18pt) WCAG AA × Fail

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 225, 172, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

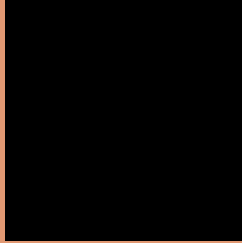
Any Text WCAG AA ✓ Pass

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 225, 172, 114 Background



This preview shows how black text looks on a background with the RYB color 225, 172, 114.



This preview shows how white text looks on a background with the RYB color 225, 172, 114.

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
225, 172, 114

Protanopia
139, 183, 121

Deuteranopia
187, 203, 112



Tritanopia
229, 146, 157

Trichromacy



Original Color
225, 172, 114

Protanomaly
180, 198, 118

Deuteranomaly
211, 196, 113

Tritanomaly
228, 149, 141

Monochromacy



Original Color
225, 172, 114

Achromatopsia
170, 170, 170

Achromatomaly
190, 169, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 172, 114 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(225, 152, 114)` looks like.

```
.text, #text, p{  
    color:rgb(225, 152, 114)  
}
```

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(225, 152, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 152, 114) }
```

Border

The CSS property to change the border of an element to RYB 225, 172, 114 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(225, 152, 114) }
```

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

```
.border{ border-color:rgb(225, 152, 114) }
```

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

Here you see how a box with a 4 pixel rgb(225, 152, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 152, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 152, 114);  
box-shadow:4px 4px 4px 4px rgb(225, 152,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 225, 152, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 152, 114) }
```

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

```
.background{ background-color: rgb(225,  
152, 114) }
```

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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