

Converting Colors

`RYB(242, 223, 114)`

Have a look what the booklet for
RYB(242, 223, 114) contains.

RYB(242, 223, 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(242, 223, 114)

Conversions

Conversions Part 1

Format	Color
Hex	F2AD72
RGB	242, 173, 114
RGB Percent	95%, 68%, 45%
CMY	0.0510, 0.3221, 0.5529
CMYK	0.00, 0.29, 0.53, 0.05
HSL	28°, 83%, 70%
HSV	28°, 53%, 95%
XYZ	54.5737, 49.9291, 22.6805
YIQ	186.9050, 60.0630, -3.7210

Conversions

Conversions Part 2

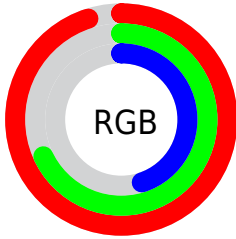
Format	Color
R _Y B	242, 223, 114
Decimal	15904114
CIE Lab	76.03, 18.91, 40.11
CIE LCh	76, 44.344, 64.752
Yxy	49.9291, 0.4291, 0.3926
Android (android.graphics.Color)	4294094194 (0xFFF2AD72)
YUV	186.9050, -35.9422, 48.3183
Hunter-Lab	70.6606, 14.2060, 30.4316

Details

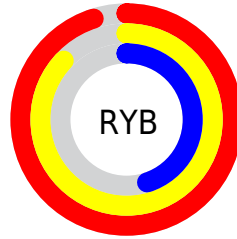
The RYB color **242, 223, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 159, 242**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **204, 255, 167**, and **183, 173, 64** is the 20% darker color. If you saturate the color by 10%, you get **242, 220, 90**, and if you desaturate by 10%, it is **242, 227, 138**.

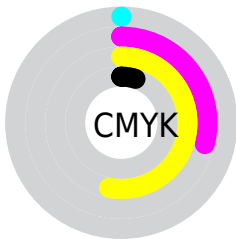
Distribution



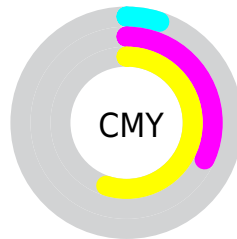
- Red (95%)
- Green (68%)
- Blue (45%)



- Red (95%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 223, 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 242, 223, 114 by changing the saturation by 10% instead.

 242, 223, 114

 242, 223, 114

255, 255, 255

 212, 195, 89

 206, 255, 167

 183, 170, 64

 194, 255, 194


 154, 144, 41

 222, 255, 222

 122, 126, 16

 251, 255, 251

 98, 98, 0

 71, 44, 0


 45, 6, 0

 5, 0, 0


 0, 0, 0

 242, 223, 114


 242, 223, 114

 242, 220, 90


 242, 227, 138

 242, 216, 66

 242, 231, 162

 242, 214, 41

 242, 233, 187

 242, 210, 17

 242, 237, 211

 242, 205, 0

 242, 240, 235

 242, 247, 255

 242, 249, 255

Harmonies

Analogous

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



255, 163, 143



242, 223, 114



129, 207, 104

Triad

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



242, 223, 114



40, 129, 209



200, 174, 255

Complementary

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



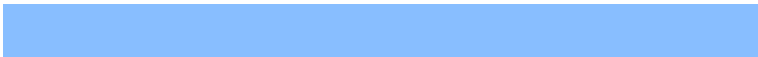
242, 223, 114



114, 159, 242

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.



136, 173, 255



242, 223, 114



0, 110, 233

Square

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



242, 223, 114



113, 179, 206



46, 135, 255



244, 161, 223

Rectangle

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



242, 223, 114



111, 195, 127



46, 135, 255



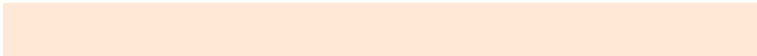
181, 180, 255

Sweetspot

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



242, 223, 114



255, 249, 214



242, 114, 184



128, 123, 103



0, 0, 0



128, 128, 128

Same Dimension

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



242, 223, 114



255, 231, 94



120, 242, 114



120, 117, 108



184, 155, 0



56, 49, 0

Inverse Universe

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



114, 159, 242



94, 150, 255



114, 120, 242



108, 112, 120



0, 64, 184



0, 20, 56

Previews

White Background



This preview shows how the RYB color 242, 223, 114 looks on a white background.

Color Contrast Check

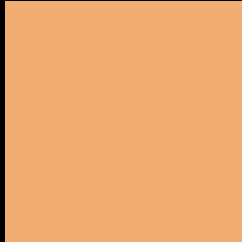
Large Text (above 18pt) WCAG AA × Fail

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 242, 223, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

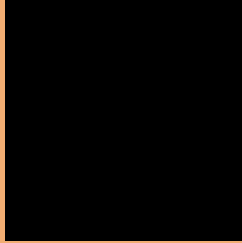
Any Text WCAG AA ✓ Pass

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](#).

R Y B 242, 223, 114 Background



This preview shows how black text looks on a background with the R Y B color 242, 223, 114.



This preview shows how white text looks on a background with the R Y B color 242, 223, 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
242, 223, 114

Protanopia
140, 204, 120

Deuteranopia
198, 228, 113



Tritanopia
247, 165, 177

Trichromacy



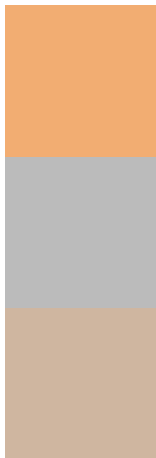
Original Color
242, 223, 114

Protanomaly
174, 218, 118

Deuteranomaly
218, 233, 113

Tritanomaly
245, 171, 154

Monochromacy



Original Color
242, 223, 114

Achromatopsia
187, 187, 187

Achromatomaly
207, 201, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 223, 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(242, 173, 114)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 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(242, 173, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 114) }
```

Border

The CSS property to change the border of an element to RYB 242, 223, 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(242, 173, 114) }
```

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

```
.border{ border-color:rgb(242, 173, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 173, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 114);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 242, 223, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 114) }
```

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

```
.background{ background-color: rgb(242,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor