

Converting Colors

`RYB(230, 203, 194)`

Have a look what the booklet for
RYB(230, 203, 194) contains.

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Color

R_YB(230, 203, 194)

Conversions

Conversions Part 1

Format	Color
Hex	E6C9C2
RGB	230, 201, 194
RGB Percent	90%, 79%, 76%
CMY	0.0980, 0.2110, 0.2392
CMYK	0.00, 0.13, 0.16, 0.10
HSL	12°, 42%, 83%
HSV	12°, 16%, 90%
XYZ	63.3040, 62.5846, 59.7825
YIQ	208.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

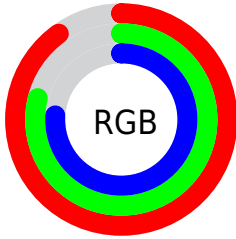
Format	Color
R _Y B	230, 203, 194
Decimal	15124930
CIE Lab	83.22, 8.96, 7.30
CIE LCh	83, 11.563, 39.176
Yxy	62.5846, 0.3409, 0.3371
Android (android.graphics.Color)	4293315010 (0xFFE6C9C2)
YUV	208.8730, -7.3324, 18.5284
Hunter-Lab	79.1105, 4.3921, 10.5728

Details

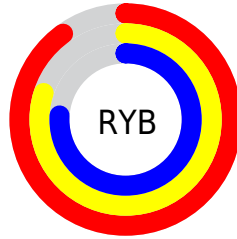
The RYB color **230, 203, 194** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **194, 210, 230**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 250, 255, 250, and **174, 149, 140** is the 20% darker color. If you saturate the color by 10%, you get **230, 186, 171**, and if you desaturate by 10%, it is **230, 221, 217**.

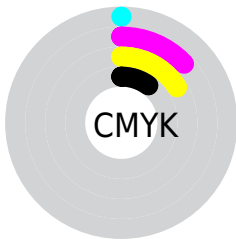
Distribution



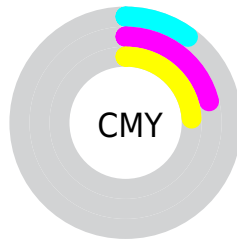
- Red (90%)
- Green (79%)
- Blue (76%)



- Red (90%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 203, 194 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, 203, 194 by changing the saturation by 10% instead.

 230, 203, 194

255, 255, 255


 250, 255, 250

 230, 203, 194

 202, 176, 167

 174, 149, 140

 147, 122, 115

 121, 99, 90

 96, 75, 67

 72, 51, 45


 49, 30, 24

 29, 5, 0


 0, 0, 0

 230, 203, 194


 230, 203, 194

 230, 186, 171


 230, 221, 217


 230, 168, 148


 230, 234, 240

 230, 151, 125

 230, 243, 255

 230, 135, 102

 230, 116, 79

 230, 100, 56

 230, 82, 33

 230, 65, 10

 230, 58, 0

Harmonies

Analogous

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



231, 200, 204



230, 203, 194



224, 218, 187

Triad

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



230, 203, 194



189, 206, 213



200, 206, 229

Complementary

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



230, 203, 194



194, 210, 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.



188, 202, 227



230, 203, 194



181, 199, 214

Square

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



230, 203, 194



190, 211, 201



181, 199, 221



214, 204, 224

Rectangle

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



230, 203, 194



203, 217, 186



181, 199, 221



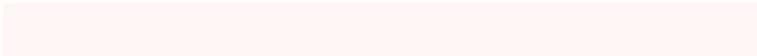
196, 205, 229

Sweetspot

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



230, 203, 194



255, 246, 242



230, 194, 223



128, 121, 120



0, 0, 0



128, 128, 128

Same Dimension

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



230, 203, 194



255, 218, 207



210, 230, 194



115, 107, 103



179, 45, 0



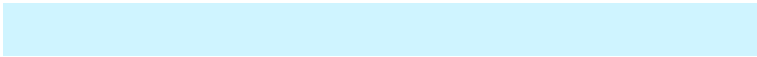
51, 12, 0

Inverse Universe

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



194, 210, 230



207, 228, 255



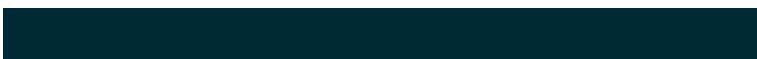
194, 202, 230



103, 108, 115



0, 79, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 230, 203, 194 looks on a white background.

Color Contrast Check

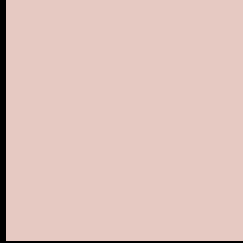
Large Text (above 18pt) WCAG AA × Fail

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, 203, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

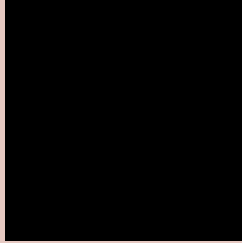
Any Text WCAG AA ✓ Pass

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](#).

RYP 230, 203, 194 Background



This preview shows how black text looks on a background with the RYB color 230, 203, 194.



This preview shows how white text looks on a background with the RYB color 230, 203, 194.

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
230, 203, 194

Protanopia
209, 214, 197

Deuteranopia
232, 201, 194



Tritanopia
233, 198, 214

Trichromacy



Original Color

230, 203, 194

Protanomaly

220, 210, 196

Deuteranomaly

231, 201, 194

Tritanomaly

232, 199, 207

Monochromacy



Original Color

230, 203, 194

Achromatopsia

209, 209, 209

Achromatomaly

217, 206, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 203, 194 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, 201, 194) looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 194)  
}
```

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, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 194) }
```

Border

The CSS property to change the border of an element to RYB 230, 203, 194 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, 201, 194) }
```

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

```
.border{ border-color:rgb(230, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 230, 201, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 194) }
```

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

```
.background{ background-color: rgb(230,  
201, 194) }
```

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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