

Converting Colors

`RYB(214, 210, 225)`

Have a look what the booklet for
RYB(214, 210, 225) contains.

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Color

$\text{RYB}(214, 210, 225)$

Conversions

Conversions Part 1

Format	Color
Hex	D6D2E1
RGB	214, 210, 225
RGB Percent	84%, 82%, 88%
CMY	0.1608, 0.1765, 0.1176
CMYK	0.05, 0.07, 0.00, 0.12
HSL	256°, 20%, 85%
HSV	256°, 7%, 88%
XYZ	64.3688, 65.8256, 80.5472
YIQ	212.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

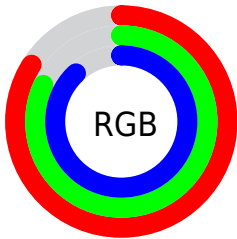
Format	Color
R_{YB}	214, 210, 225
Decimal	14078689
CIE _{Lab}	84.91, 4.14, -6.90
CIE _{LCh}	85, 8.049, 300.951
Yxy	65.8256, 0.3054, 0.3124
Android (android.graphics.Color)	4292268769 (0xFFD6D2E1)
YUV	212.9060, 5.9623, 0.9594
Hunter-Lab	81.1330, -0.3655, -2.0688

Details

The RYB color `214, 210, 225` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `210, 225, 214`, and the grayscale version is `213, 213, 213`.

A 20% lighter version of the original color is `255, 255, 255`, and `159, 156, 170` is the 20% darker color. If you saturate the color by 10%, you get `198, 187, 225`, and if you desaturate by 10%, it is `225, 232, 226`.

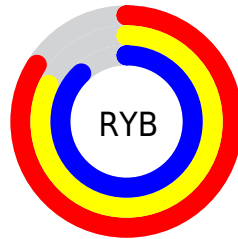
Distribution



Red (84%)

Green (82%)

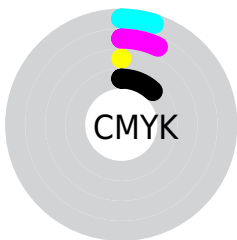
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

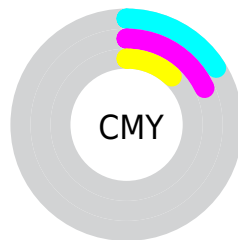


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 210, 225 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 214, 210, 225 by changing the saturation by 10% instead.

■ 214, 210, 225

255, 255, 255

■ 214, 210, 225

■ 186, 182, 197

■ 159, 156, 170

■ 133, 130, 143

■ 108, 104, 118

■ 84, 80, 93

■ 60, 57, 69


■ 39, 36, 47

■ 19, 15, 26


■ 0, 0, 0

 214, 210, 225

 214, 210, 225

 198, 187, 225


 225, 232, 226

 181, 165, 225


 225, 255, 233

 165, 142, 225

 225, 255, 225


 148, 120, 225

 132, 97, 225

 115, 75, 225

 99, 52, 225

 82, 30, 225

 66, 7, 225

Harmonies

Analogous

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



205, 211, 227



214, 210, 225



222, 208, 220

Triad

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



214, 210, 225



225, 215, 199



195, 207, 217

Complementary

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



214, 210, 225



210, 225, 214

Split Complementary

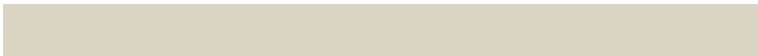
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201, 214, 216



214, 210, 225



205, 218, 197

Square

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



214, 210, 225



229, 207, 204



199, 214, 203



194, 206, 219

Rectangle

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



214, 210, 225



226, 207, 215



199, 214, 203



197, 210, 217

Sweetspot

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



214, 210, 225



251, 250, 255



210, 216, 225



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 210, 225



240, 235, 255



222, 210, 225



104, 101, 112



47, 0, 176



13, 0, 48

Inverse Universe

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



225, 210, 221



255, 235, 250



210, 225, 221



112, 101, 109



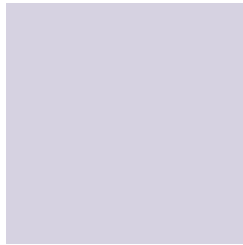
176, 0, 129



48, 0, 36

Previews

White Background



This preview shows how the RYB color 214, 210, 225 looks on a white background.

Color Contrast Check

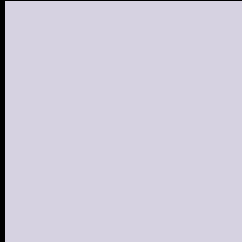
Large Text (above 18pt) WCAG AA × Fail

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 214, 210, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

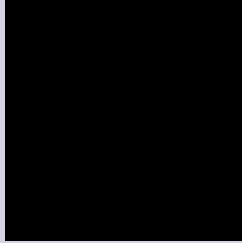
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

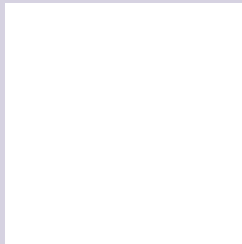
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 214, 210, 225 Background



This preview shows how black text looks on a background with the RYP color 214, 210, 225.

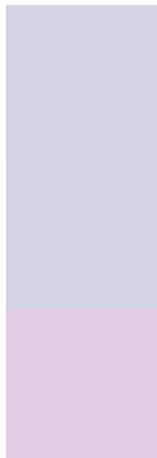


This preview shows how white text looks on a background with the RYP color 214, 210, 225.

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
214, 210, 225

Protanopia
212, 211, 225

Deuteranopia
226, 206, 226



Tritanopia
214, 210, 226

Trichromacy



Original Color

214, 210, 225

Protanomaly

213, 211, 225

Deuteranomaly

222, 207, 226

Tritanomaly

214, 210, 226

Monochromacy



Original Color

214, 210, 225

Achromatopsia

213, 213, 213

Achromatomaly

213, 212, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 210, 225 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(214, 210, 225) looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 225)  
}
```

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(214, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 225) }
```

Border

The CSS property to change the border of an element to RYB 214, 210, 225 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(214, 210, 225) }
```

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

```
.border{ border-color:rgb(214, 210, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 214, 210, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 225) }
```

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

```
.background{ background-color: rgb(214,  
210, 225) }
```

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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