

Converting Colors

`RYB(225, 226, 225)`

Have a look what the booklet for
RYB(225, 226, 225) contains.

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Color

R_YB(225, 226, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E1
RGB	226, 226, 225
RGB Percent	89%, 89%, 88%
CMY	0.1137, 0.1137, 0.1176
CMYK	0.00, 0.00, 0.00, 0.11
HSL	60°, 2%, 88%
HSV	60°, 0%, 89%
XYZ	72.1510, 75.9977, 82.1004
YIQ	225.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

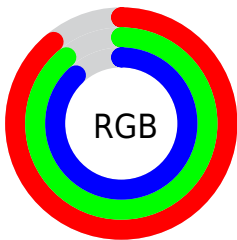
Format	Color
R _Y B	225, 226, 225
Decimal	14869217
CIE Lab	89.86, -0.17, 0.48
CIE LCh	90, 0.508, 109.997
Yxy	75.9977, 0.3134, 0.3301
Android (android.graphics.Color)	4293059297 (0xFFE2E2E1)
YUV	225.8860, -0.4368, 0.1000
Hunter-Lab	87.1767, -4.8252, 5.1861

Details

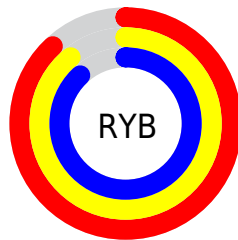
The RYB color **225, 226, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 225, 226**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 171, 170** is the 20% darker color. If you saturate the color by 10%, you get **202, 226, 202**, and if you desaturate by 10%, it is **226, 226, 248**.

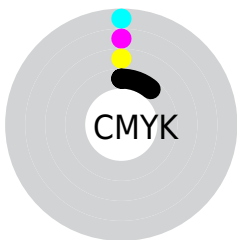
Distribution



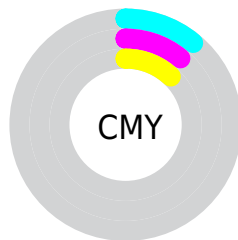
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (88%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 226, 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 225, 226, 225 by changing the saturation by 10% instead.

■ 225, 226, 225

255, 255, 255

■ 225, 226, 225

■ 197, 198, 197

■ 170, 171, 170

■ 143, 144, 143

■ 118, 119, 118

■ 93, 94, 93

■ 70, 70, 70

■ 47, 48, 47

■ 27, 27, 27

■ 0, 0, 0

 225, 226, 225

 225, 226, 225

 202, 226, 202

 226, 226, 248

 180, 226, 180

 226, 226, 255

 157, 226, 157

 135, 226, 135

 112, 226, 112

 89, 226, 89

 67, 226, 67

 44, 226, 44

 22, 226, 22

Harmonies

Analogous

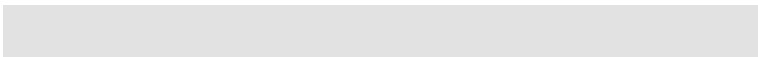
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 227, 225



225, 226, 225



225, 226, 226

Triad

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



225, 226, 225



225, 226, 227



227, 226, 226

Complementary

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



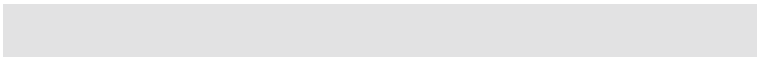
225, 226, 225



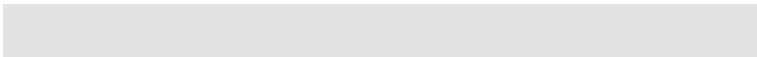
225, 225, 226

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.



226, 226, 227



225, 226, 225



225, 226, 227

Square

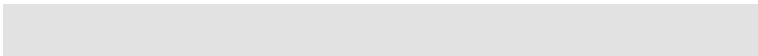
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 226, 225



225, 226, 226



226, 226, 227



227, 226, 226

Rectangle

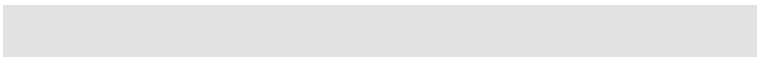
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225, 226, 225



225, 226, 226



226, 226, 227



227, 226, 226

Sweetspot

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



225, 226, 225

255, 255, 255



226, 225, 225



128, 128, 128



0, 0, 0

Same Dimension

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



225, 226, 225



252, 255, 252



111, 112, 111



0, 176, 0



0, 48, 0

Inverse Universe

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



225, 225, 226



252, 252, 255



226, 225, 226



111, 111, 112



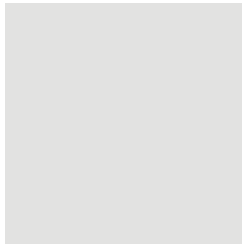
0, 0, 176



0, 0, 48

Previews

White Background



This preview shows how the RYB color 225, 226, 225 looks on a white background.

Color Contrast Check

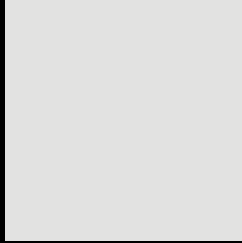
Large Text (above 18pt) WCAG AA × Fail

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 225, 226, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

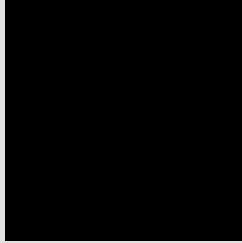
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

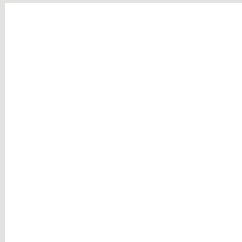
Any Text WCAG AAA ✓ Pass

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

RYB 225, 226, 225 Background



This preview shows how black text looks on a background with the RYB color 225, 226, 225.

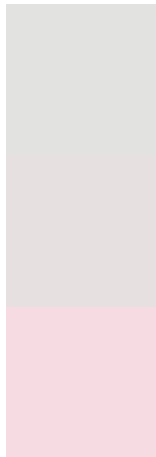


This preview shows how white text looks on a background with the RYB color 225, 226, 225.

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
225, 226, 225

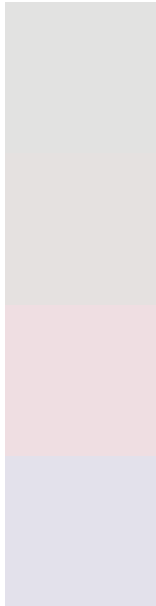
Protanopia
230, 225, 224

Deuteranopia
247, 219, 226



Tritanopia
228, 224, 241

Trichromacy



Original Color

225, 226, 225

Protanomaly

229, 225, 224

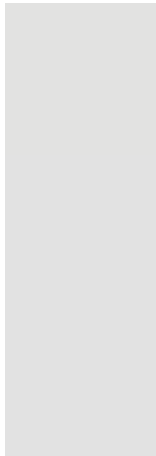
Deuteranomaly

239, 222, 226

Tritanomaly

227, 225, 235

Monochromacy



Original Color

225, 226, 225

Achromatopsia

226, 226, 226

Achromatomaly

226, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 226, 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(226, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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(226, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 225) }
```

Border

The CSS property to change the border of an element to RYB 225, 226, 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(226, 226, 225) }
```

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

```
.border{ border-color:rgb(226, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 225); box-shadow:4px 4px 4px 4px rgb(226, 226, 225) }
```

Background

The CSS property to change the background color of an element to RGB 225, 226, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 225) }
```

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

```
.background{ background-color: rgb(226,  
226, 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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