

Converting Colors

`RYB(245, 156, 196)`

Have a look what the booklet for RYB(245, 156, 196) contains.

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Color

R_YB(245, 156, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F59CC4
RGB	245, 156, 196
RGB Percent	96%, 61%, 77%
CMY	0.0392, 0.3882, 0.2314
CMYK	0.00, 0.36, 0.20, 0.04
HSL	333°, 82%, 79%
HSV	333°, 36%, 96%
XYZ	59.5085, 47.1749, 58.1938
YIQ	187.1710, 40.2040, 31.3080

Conversions

Conversions Part 2

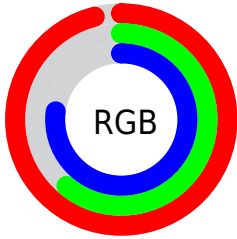
Format	Color
R _Y B	245, 156, 196
Decimal	16096452
CIE Lab	74.30, 38.51, -6.61
CIE LCh	74, 39.077, 350.255
Yxy	47.1749, 0.3609, 0.2861
Android (android.graphics.Color)	4294286532 (0xFFFF59CC4)
YUV	187.1710, 4.3527, 50.7160
Hunter-Lab	68.6840, 34.4570, -2.1557

Details

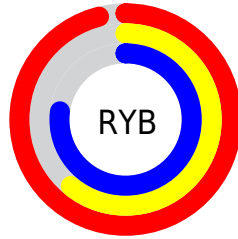
The RYB color **245, 156, 196** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **156, 213, 245**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 212, 253**, and **187, 103, 142** is the 20% darker color. If you saturate the color by 10%, you get **245, 132, 183**, and if you desaturate by 10%, it is **245, 180, 209**.

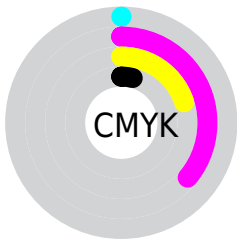
Distribution



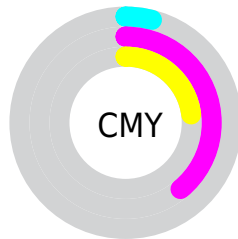
- Red (96%)
- Green (61%)
- Blue (77%)



- Red (96%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 156, 196 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 245, 156, 196 by changing the saturation by 10% instead.

 245, 156, 196

 245, 156, 196

255, 255, 255

 216, 129, 169

 255, 212, 253

 187, 103, 142

 255, 240, 255

 159, 78, 117

 132, 52, 92

 105, 27, 69

 79, 0, 46

 54, 0, 26

 27, 0, 1

 0, 0, 0

 245, 156, 196

 245, 156, 196

 245, 132, 183

 245, 180, 209

 245, 107, 169


 245, 205, 223

 245, 83, 156

 245, 230, 236

 245, 58, 142

 245, 251, 254

 245, 34, 129

 245, 250, 255

 245, 9, 115

 245, 0, 110

Harmonies

Analogous

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



217, 165, 229



245, 156, 196



253, 156, 160

Triad

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



245, 156, 196



114, 188, 120



49, 132, 237

Complementary

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



245, 156, 196



156, 213, 245

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.



45, 124, 206



245, 156, 196



136, 197, 192

Square

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



245, 156, 196



177, 217, 112



94, 157, 201



111, 162, 253

Rectangle

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



245, 156, 196



248, 167, 138



94, 157, 201



35, 124, 228

Sweetspot

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



245, 156, 196



255, 227, 240



205, 156, 245



128, 111, 118



0, 0, 0



128, 128, 128

Same Dimension

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



245, 156, 196



255, 143, 193



245, 160, 156



122, 110, 116



186, 0, 84



59, 0, 26

Inverse Universe

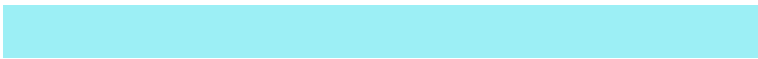
The Inverse Universe completely reimagines the original color for something new.



245, 156, 196



255, 143, 193



156, 199, 245



122, 110, 116



186, 0, 84



59, 0, 26

Previews

White Background



This preview shows how the RYB color 245, 156, 196 looks on a white background.

Color Contrast Check

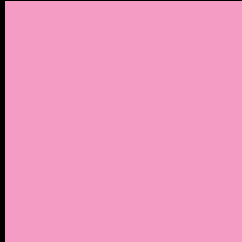
Large Text (above 18pt) WCAG AA × Fail

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 245, 156, 196 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 245, 156, 196 Background



This preview shows how black text looks on a background with the RYB color 245, 156, 196.

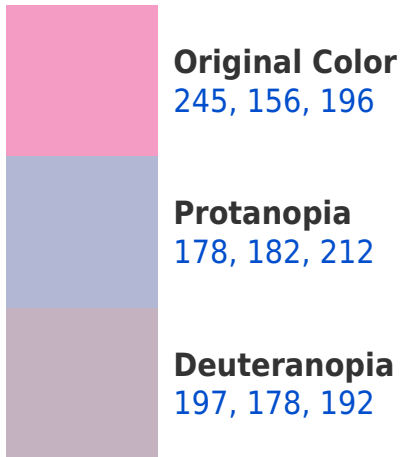


This preview shows how white text looks on a background with the RYB color 245, 156, 196.

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





Tritanopia
242, 160, 172

Trichromacy



Original Color

245, 156, 196



Protanomaly

202, 173, 206



Deuteranomaly

214, 170, 193



Tritanomaly

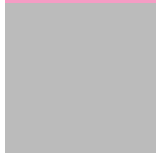
243, 159, 181

Monochromacy



Original Color

245, 156, 196



Achromatopsia

187, 187, 187



Achromatomaly

208, 176, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 156, 196 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(245, 156, 196) looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 196)  
}
```

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(245, 156, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 196) }
```

Border

The CSS property to change the border of an element to RYB 245, 156, 196 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(245, 156, 196) }
```

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

```
.border{ border-color:rgb(245, 156, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 156, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 245, 156, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 196) }
```

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

```
.background{ background-color: rgb(245,  
156, 196) }
```

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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