

Converting Colors

`RYB(250, 85, 156)`

Have a look what the booklet for
RYB(250, 85, 156) contains.

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Color

`RYB(250, 85, 156)`

Conversions

Conversions Part 1

Format	Color
Hex	FA559C
RGB	250, 85, 156
RGB Percent	98%, 33%, 61%
CMY	0.0196, 0.6667, 0.3882
CMYK	0.00, 0.66, 0.38, 0.02
HSL	334°, 94%, 66%
HSV	334°, 66%, 98%
XYZ	48.6736, 29.2213, 34.5274
YIQ	142.4290, 75.5490, 57.0610

Conversions

Conversions Part 2

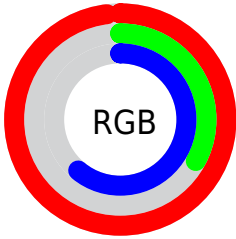
Format	Color
R _Y B	250, 85, 156
Decimal	16405916
CIE Lab	60.98, 68.23, -3.67
CIE LCh	61, 68.330, 356.924
Yxy	29.2213, 0.4330, 0.2599
Android (android.graphics.Color)	4294595996 (0xFFFA559C)
YUV	142.4290, 6.6905, 94.3398
Hunter-Lab	54.0567, 66.1252, -0.0303

Details

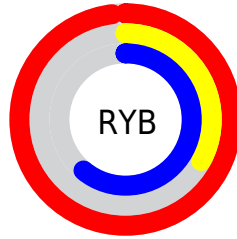
The RYB color **250, 85, 156** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **85, 190, 250**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 144, 210**, and **189, 2, 105** is the 20% darker color. If you saturate the color by 10%, you get **250, 60, 142**, and if you desaturate by 10%, it is **250, 110, 170**.

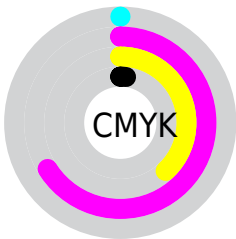
Distribution



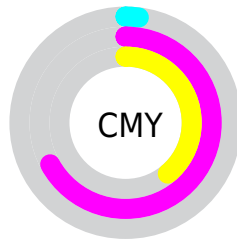
- Red (98%)
- Green (33%)
- Blue (61%)



- Red (98%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (66%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 85, 156 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 250, 85, 156 by changing the saturation by 10% instead.

 250, 85, 156

 250, 85, 156

255, 255, 255

 219, 53, 130

 255, 144, 210

 189, 2, 105

 255, 173, 239

 159, 0, 81

 255, 202, 255

 129, 0, 58

 255, 232, 255

 100, 0, 37


 73, 0, 15


 42, 0, 1


 0, 0, 0


 250, 85, 156


 250, 85, 156


 250, 60, 142

 250, 110, 170


 250, 35, 128

 250, 135, 184

 250, 10, 113

 250, 160, 199

 250, 0, 108

 250, 185, 213

 250, 210, 227

 250, 235, 241

 250, 253, 255

Harmonies

Analogous

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



213, 105, 214



250, 85, 156



252, 92, 96

Triad

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



250, 85, 156



16, 160, 53



0, 101, 248

Complementary

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



250, 85, 156



85, 190, 250

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.



0, 93, 200



250, 85, 156



6, 120, 170

Square

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



250, 85, 156



50, 181, 0



0, 97, 174



0, 97, 255

Rectangle

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



250, 85, 156



237, 128, 60



0, 97, 174



0, 99, 234

Sweetspot

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



250, 85, 156



255, 204, 226



179, 85, 250



128, 97, 110



0, 0, 0



128, 128, 128

Same Dimension

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



250, 85, 156



255, 54, 140



250, 97, 85



125, 112, 118



189, 0, 81



61, 0, 26

Inverse Universe

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



250, 85, 156



255, 54, 140



85, 165, 250



125, 112, 118



189, 0, 81



61, 0, 26

Previews

White Background



This preview shows how the RYB color 250, 85, 156 looks on a white background.

Color Contrast Check

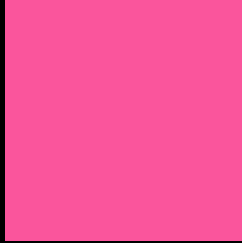
Large Text (above 18pt) WCAG AA ✓ Pass

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 250, 85, 156 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 × Fail

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

RYB 250, 85, 156 Background



This preview shows how black text looks on a background with the RYB color 250, 85, 156.



This preview shows how white text looks on a background with the RYB color 250, 85, 156.

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
250, 85, 156

Protanopia
134, 144, 195

Deuteranopia
161, 143, 148



Tritanopia
246, 97, 103

Trichromacy



Original Color

250, 85, 156



Protanomaly

176, 124, 181



Deuteranomaly

193, 122, 151



Tritanomaly

247, 93, 122

Monochromacy



Original Color

250, 85, 156



Achromatopsia

142, 142, 142



Achromatomaly

181, 121, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 85, 156 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(250, 85, 156) looks like.

```
.text, #text, p{  
    color:rgb(250, 85, 156)  
}
```

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(250, 85, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 85, 156) }
```

Border

The CSS property to change the border of an element to RYB 250, 85, 156 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(250, 85, 156) }
```

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

```
.border{ border-color:rgb(250, 85, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 85, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 85, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 85, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 85,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 250, 85, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 85, 156) }
```

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

```
.background{ background-color: rgb(250, 85,  
156) }
```

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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