

Converting Colors

YUV(132.9180, 25.1834,
89.5259)

Have a look what the booklet for
YUV(132.9180, 25.1834, 89.5259)
contains.

YUV(132.9180, 25.1834, 89.5259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.9180, 25.1834,
89.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	EB47B8
RGB	235, 71, 184
RGB Percent	92%, 28%, 72%
CMY	0.0784, 0.7216, 0.2784
CMYK	0.00, 0.70, 0.22, 0.08
HSL	319°, 80%, 60%
HSV	319°, 70%, 92%
XYZ	45.1659, 25.6293, 47.9138
YIQ	132.9180, 61.4710, 69.9110

Conversions

Conversions Part 2

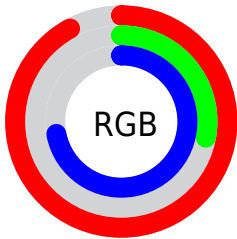
Format	Color
R _Y B	235, 71, 184
Decimal	15419320
CIE Lab	57.68, 72.57, -25.08
CIE LCh	58, 76.787, 340.934
Yxy	25.6293, 0.3805, 0.2159
Android (android.graphics.Color)	4293609400 (0xFFEB47B8)
YUV	132.9180, 25.1834, 89.5259
Hunter-Lab	50.6254, 70.6559, -20.6765

Details

The YUV color **132.9180, 25.1834, 89.5259** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **173.0820, -25.1834, -89.5259**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5020, 29.3325, 65.3347**, and **67.2590, 31.4243, 94.4889** is the 20% darker color. If you saturate the color by 10%, you get **118.6190, 28.7818, 102.0661**, and if you desaturate by 10%, it is **147.2170, 21.5850, 76.9857**.

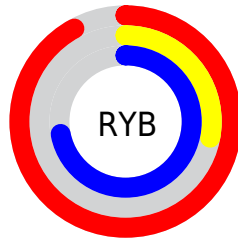
Distribution



Red (92%)

Green (28%)

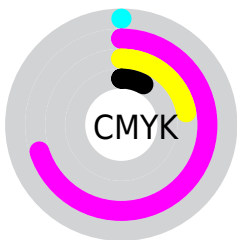
Blue (72%)



Red (92%)

Yellow (28%)

Blue (72%)

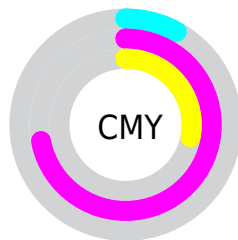


Cyan (0%)

Magenta (70%)

Yellow (22%)

Black (8%)



Cyan (8%)


Magenta (72%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.9180, 25.1834, 89.5259 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 YUV color 132.9180, 25.1834, 89.5259 by changing the saturation by 10% instead.


 132.9180, 25.1834,
89.5259


 132.9180, 25.1834,
89.5259


255.0000, 0.0000,
0.0000


 99.1510, 28.5196,
92.8296


 180.5020, 29.3325,
65.3347


 67.2590, 31.4243,
94.4889


 199.8220, 27.2028,
48.3911

 55.6240, 24.3424,
79.2598

 216.8450, 18.8104,
33.4619

 44.2170, 18.1340,
63.8307

 234.4550, 10.1287,
18.0180

 33.2230, 12.2151,
48.9164

 252.0650, 1.4470,
2.5740

 22.6420, 6.5855,
34.5170

 10.7080, -0.3490,

18.6731

■ 0.0000, 0.0000,
0.0000

■ 132.9180, 25.1834,
89.5259

■ 132.9180, 25.1834,
89.5259

■ 118.6190, 28.7818,
102.0661

■ 147.2170, 21.5850,
76.9857

■ 103.6190, 32.2328,
115.2211

■ 162.2170, 18.1340,
63.8307

■ 88.7330, 36.1206,
128.2762

■ 176.5160, 14.5356,
51.2905

■ 191.4020, 10.6478,
38.2354

■ 205.8150, 7.4862,
25.5952

220.7010, 3.5984,
12.5402

235.5870, -0.2894,
-0.5148

247.5380, -2.7302,
-10.9958

248.4500, 0.7642,
-11.7956

Harmonies

Analogous

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



141.7000, 48.9549, 24.8191



132.9180, 25.1834, 89.5259



123.6290, -3.2681, 115.2124

Triad

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



132.9180, 25.1834, 89.5259



127.2960, -62.7569, 15.5264



123.2060, 50.6774, -108.0517

Complementary

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



132.9180, 25.1834, 89.5259



173.0820, -25.1834, -89.5259

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.



117.0840, 22.1436, -102.6827



132.9180, 25.1834, 89.5259



113.6200, -51.0847, -41.7627

Square

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



132.9180, 25.1834, 89.5259



129.9520, -64.0663, 62.3091



107.3430, -7.5641, -94.1398



121.8160, 65.6597, -106.8326

Rectangle

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



132.9180, 25.1834, 89.5259



126.3250, -25.7962, 107.5860



107.3430, -7.5641, -94.1398



122.1000, 41.3627, -107.0817

Sweetspot

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



132.9180, 25.1834, 89.5259



221.3640, 8.2015, 29.4988



104.3470, 64.4119, 13.7277



108.0760, 4.8925, 17.4733



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



132.9180, 25.1834, 89.5259



121.7440, 32.6642, 116.8655



123.7980, -9.7604, 97.5242



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Inverse Universe

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



132.9180, 25.1834, 89.5259



121.7440, 32.6642, 116.8655



182.2020, 9.7604, -97.5242



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 132.9180, 25.1834, 89.5259 looks on a white background.

Color Contrast Check

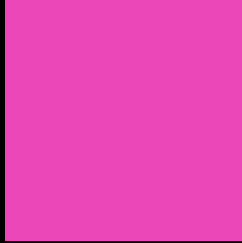
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 132.9180, 25.1834, 89.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

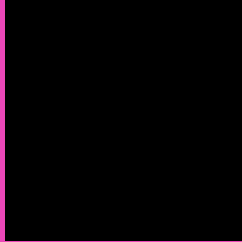
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.9180, 25.1834, 89.5259

Background



This preview shows how black text looks on a background with the YUV color 132.9180, 25.1834, 89.5259.



This preview shows how white text looks on a background with the YUV color 132.9180, 25.1834, 89.5259.

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

132.9180, 25.1834, 89.5259

Protanopia

135.6250, 48.9919, -33.8741

Deuteranopia

139.8480, 17.3299, -5.1287



Tritanopia

135.4510, -16.9843, 81.1655

Trichromacy



Original Color

132.9180, 25.1834, 89.5259



Protanomaly

134.3210, 40.2677, 11.1195



Deuteranomaly

137.1650, 20.1317, 29.6733



Tritanomaly

134.4850, -1.7181, 84.6437

Monochromacy



Original Color

132.9180, 25.1834, 89.5259



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.7280, 9.5011, 32.6875

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9180, 25.1834, 89.5259 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(235, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 184)  
}
```

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(235, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 184) }
```

Border

The CSS property to change the border of an element to YUV 132.9180, 25.1834, 89.5259 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(235, 71, 184) }
```


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

```
.border{ border-color:rgb(235, 71, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 71, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 132.9180, 25.1834, 89.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 184) }
```

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

```
.background{ background-color: rgb(235, 71,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor