

Converting Colors

YUV(190.0850, 18.1991,
42.8985)

Have a look what the booklet for
YUV(190.0850, 18.1991, 42.8985)
contains.

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Color

**YUV(190.0850, 18.1991,
42.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9EE3
RGB	239, 158, 227
RGB Percent	94%, 62%, 89%
CMY	0.0627, 0.3804, 0.1098
CMYK	0.00, 0.34, 0.05, 0.06
HSL	309°, 72%, 78%
HSV	309°, 34%, 94%
XYZ	61.6886, 48.3505, 78.7543
YIQ	190.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

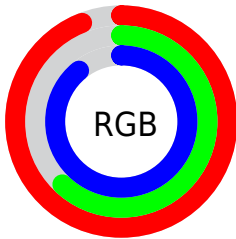
Format	Color
R_{YB}	239, 158, 227
Decimal	15703779
CIE _{Lab}	75.05, 40.47, -22.55
CIE _{LCh}	75, 46.328, 330.867
Yxy	48.3505, 0.3268, 0.2561
Android (android.graphics.Color)	4293893859 (0xFFEF9EE3)
YUV	190.0850, 18.1991, 42.8985
Hunter-Lab	69.5345, 36.6735, -18.4773

Details

The YUV color **190.0850, 18.1991, 42.8985** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.9150, -18.1991, -42.8985**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **135.5470, 17.4783, 40.7393** is the 20% darker color. If you saturate the color by 10%, you get **175.5410, 23.3973, 55.6535**, and if you desaturate by 10%, it is **204.6290, 13.0009, 30.1434**.

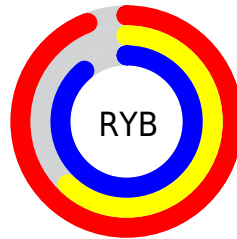
Distribution



Red (94%)

Green (62%)

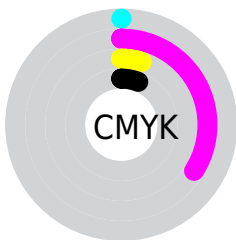
Blue (89%)



Red (94%)

Yellow (62%)

Blue (89%)

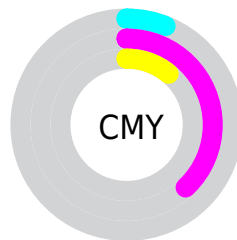


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.0850, 18.1991, 42.8985 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 190.0850, 18.1991, 42.8985 by changing the saturation by 10% instead.


 190.0850, 18.1991,
42.8985

 190.0850, 18.1991,
42.8985


255.0000, 0.0000,
0.0000


 162.3730, 18.0571,
41.7689


 230.9330, 11.8650,
21.1068


 135.5470, 17.4783,
40.7393

 247.3690, 3.7621,
6.6924

 108.9490, 17.7731,
39.5097

 83.2370, 17.6312,
38.3802

 57.9380, 17.7786,
37.7654

 30.4050, 19.5203,
39.1098

 20.7210, 13.4485,

26.5547

■ 10.7380, 7.5242,
13.3848

■ 0.0000, 0.0000,
0.0000

■ 190.0850, 18.1991,
42.8985

■ 190.0850, 18.1991,
42.8985

■ 175.5410, 23.3973,
55.6535

■ 204.6290, 13.0009,
30.1434

■ 161.1110, 29.0323,
68.3087

■ 219.0590, 7.3659,
17.4883

■ 146.5670, 34.2305,
81.0637

■ 233.6030, 2.1677,
4.7332

■ 132.1370, 39.8655,
93.7189

■ 248.0330, -3.4673,
-7.9219

■ 118.1800, 44.7743,
105.9591

■ 249.0760, -2.0095,
-8.8367

■ 103.7500, 50.4093,
118.6142

■ 249.4180, -0.6991,
-9.1366

■ 94.7170, 53.8765,
126.5362

■ 249.8740, 1.0481,
-9.5365

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



187.4310, 33.3115, 2.2530



190.0850, 18.1991, 42.8985



185.3850, -0.1898, 61.0524

Triad

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



190.0850, 18.1991, 42.8985



181.3830, -41.1078, 25.0971



146.8000, 39.5386, -128.7436

Complementary

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



190.0850, 18.1991, 42.8985



206.9150, -18.1991, -42.8985

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.



151.2700, 16.6289, -107.2308



190.0850, 18.1991, 42.8985



176.5250, -33.2898, -9.2304

Square

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



190.0850, 18.1991, 42.8985



184.5250, -36.2478, 53.0366



169.1360, -13.3780, -49.2313



146.4700, 53.5053, -128.4542

Rectangle

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



190.0850, 18.1991, 42.8985



183.3670, -12.9989, 62.8221



169.1360, -13.3780, -49.2313



145.9050, 33.5708, -127.9587

Sweetspot

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



190.0850, 18.1991, 42.8985



239.8690, 5.4876, 13.2699



170.5230, 33.7592, -1.3357



118.2660, 3.3199, 8.5367



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.



190.0850, 18.1991, 42.8985



191.6550, 23.8341, 55.5536



185.6390, 1.1640, 46.7976



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Inverse Universe

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



190.0850, 18.1991, 42.8985



191.6550, 23.8341, 55.5536



211.3610, -1.1640, -46.7976



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 190.0850, 18.1991, 42.8985 looks on a white background.

Color Contrast Check

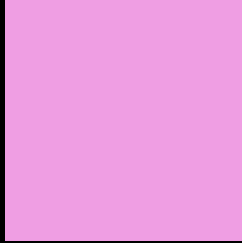
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 190.0850, 18.1991, 42.8985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

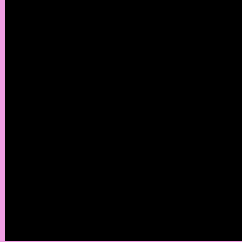
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0850, 18.1991, 42.8985

Background



This preview shows how black text looks on a background with the YUV color 190.0850, 18.1991, 42.8985.



This preview shows how white text looks on a background with the YUV color 190.0850, 18.1991,

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

190.0850, 18.1991, 42.8985

Protanopia

185.5830, 29.2926, -15.4203

Deuteranopia

186.6850, 17.9033, -2.3547



Tritanopia

188.2160, -4.0505, 39.2756

Trichromacy



Original Color

190.0850, 18.1991, 42.8985



Protanomaly

187.2760, 25.0069, 5.8969



Deuteranomaly

188.0830, 17.7071, 13.9592



Tritanomaly

188.9910, 3.9484, 40.3499

Monochromacy



Original Color

190.0850, 18.1991, 42.8985



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.8200, 6.4977, 15.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0850, 18.1991, 42.8985 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(239, 158, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 158, 227)  
}
```

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(239, 158, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 158, 227) }
```

Border

The CSS property to change the border of an element to YUV 190.0850, 18.1991, 42.8985 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(239, 158, 227) }
```


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

```
.border{ border-color:rgb(239, 158, 227) }
```

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

Here you see how a box with a 4 pixel rgb(239, 158, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 158, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 158, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 158,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 190.0850, 18.1991, 42.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 158, 227) }
```

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

```
.background{ background-color: rgb(239,  
158, 227) }
```

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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