

Converting Colors

YUV(192.7090, 18.3845,
30.0732)

Have a look what the booklet for
YUV(192.7090, 18.3845, 30.0732)
contains.

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Color

**YUV(192.7090, 18.3845,
30.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A8E6
RGB	227, 168, 230
RGB Percent	89%, 66%, 90%
CMY	0.1098, 0.3412, 0.0980
CMYK	0.01, 0.27, 0.00, 0.10
HSL	297°, 55%, 78%
HSV	297°, 27%, 90%
XYZ	59.9641, 50.0493, 81.3629
YIQ	192.7090, 15.2620, 31.7900

Conversions

Conversions Part 2

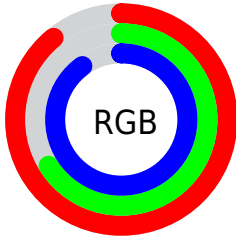
Format	Color
R _Y B	227, 168, 230
Decimal	14919910
CIE Lab	76.10, 31.85, -22.70
CIE LCh	76, 39.112, 324.526
Yxy	50.0493, 0.3133, 0.2615
Android (android.graphics.Color)	4293109990 (0xFFE3A8E6)
YUV	192.7090, 18.3845, 30.0732
Hunter-Lab	70.7455, 27.4924, -18.6663

Details

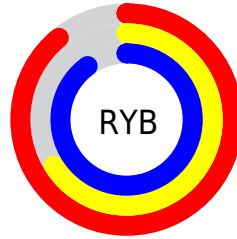
The YUV color $192.7090, 18.3845, 30.0732$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $205.2910, -18.3845, -30.0732$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8030, 8.9711, 15.9588$, and $138.4700, 17.5163, 28.5288$ is the 20% darker color. If you saturate the color by 10%, you get $178.9090, 25.1879, 41.2988$, and if you desaturate by 10%, it is $206.5090, 11.5811, 18.8476$.

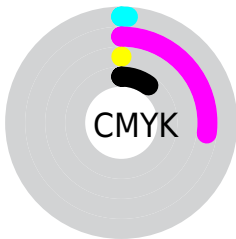
Distribution



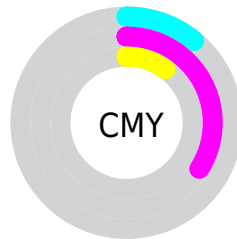
- Red (89%)
- Green (66%)
- Blue (90%)



- Red (89%)
- Yellow (66%)
- Blue (90%)



- Cyan (1%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)





- Cyan (11%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7090, 18.3845, 30.0732 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 192.7090, 18.3845, 30.0732 by changing the saturation by 10% instead.


 192.7090, 18.3845,
30.0732


 192.7090, 18.3845,
30.0732

255.0000, 0.0000,
0.0000


 165.2960, 18.0951,
29.5584


 236.8030, 8.9711,
15.9588


 138.4700, 17.5163,
28.5288

 253.8260, 0.5788,
1.0296

 112.7580, 17.3743,
27.3992

 87.6330, 16.9429,
25.7549

 63.2200, 16.6535,
25.2401

 38.9210, 16.8009,
24.6253

 18.8560, 15.3540,

22.0513

■ 8.9870, 9.8664,
8.7814

■ 0.0000, 0.0000,
0.0000

■ 192.7090, 18.3845,
30.0732

■ 192.7090, 18.3845,
30.0732

■ 178.9090, 25.1879,
41.2988

■ 206.5090, 11.5811,
18.8476

■ 165.1090, 31.9913,
52.5244

■ 220.3090, 4.7777,
7.6220

■ 151.3090, 38.7947,
63.7500

■ 234.1090, -2.0257,
-3.6036

■ 137.5090, 45.5981,
74.9756

■ 244.9740, -7.3822,
-12.2552

123.4100, 52.5489,
85.5864

245.5720, -7.6770,
-11.0256

109.6100, 59.3523,
96.8120

245.8710, -7.8244,
-10.4109

95.8100, 66.1557,
108.0376

246.1700, -7.9718,
-9.7961

91.7010, 68.1814,
111.6412

246.4690, -8.1192,
-9.1813

246.7680, -8.2666,
-8.5665

Harmonies

Analogous

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



189.8060, 31.1546, -5.9689



192.7090, 18.3845, 30.0732



191.9110, 2.0159, 53.5751

Triad

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



192.7090, 18.3845, 30.0732



185.7130, -34.8615, 28.3157



160.4850, 27.3689, -98.6493

Complementary

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



192.7090, 18.3845, 30.0732



205.2910, -18.3845, -30.0732

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.



169.8360, 5.0109, -67.3852



192.7090, 18.3845, 30.0732



182.3780, -30.2594, -1.2085

Square

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



192.7090, 18.3845, 30.0732



188.4520, -28.8168, 49.5926



177.2520, -15.9002, -33.5470



165.9390, 38.9771, -88.5235

Rectangle

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



192.7090, 18.3845, 30.0732



189.6590, -9.1989, 57.3041



177.2520, -15.9002, -33.5470



163.0040, 20.2110, -89.4575

Sweetspot

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



192.7090, 18.3845, 30.0732



242.9610, 5.9352, 9.6812



176.8290, 26.2133, -7.7430



120.0700, 3.9095, 6.0776



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.



192.7090, 18.3845, 30.0732



205.6700, 24.3197, 39.7544



190.4140, 5.7119, 34.7169



107.6570, 3.6201, 5.5628



71.2360, 53.1277, 86.6160



20.4650, 15.0538, 25.0252

Inverse Universe

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



186.8800, -7.8288, 37.8162



197.9740, -10.3402, 50.0118



207.5860, -5.7119, -34.7169



106.7020, -1.3321, 7.2773



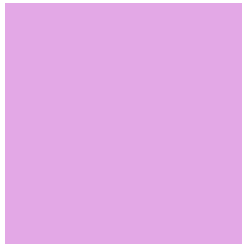
54.5470, -22.4547, 109.1453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 192.7090, 18.3845, 30.0732 looks on a white background.

Color Contrast Check

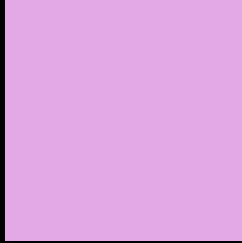
Large Text (above 18pt) WCAG AA × Fail

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 192.7090, 18.3845, 30.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

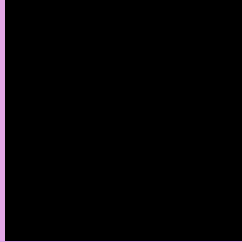
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.7090, 18.3845, 30.0732

Background



This preview shows how black text looks on a background with the YUV color 192.7090, 18.3845, 30.0732.



This preview shows how white text looks on a background with the YUV color 192.7090, 18.3845,

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

192.7090, 18.3845, 30.0732

Protanopia

188.6110, 26.8138, -13.6908

Deuteranopia

189.7990, 18.3401, -2.4547



Tritanopia

190.9370, -0.9549, 26.3653

Trichromacy



Original Color

192.7090, 18.3845, 30.0732



Protanomaly

189.9120, 23.7074, 2.7082



Deuteranomaly

190.8760, 18.3021, 9.7557



Tritanomaly

191.4840, 6.1704, 27.6395

Monochromacy



Original Color

192.7090, 18.3845, 30.0732



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7090, 18.3845, 30.0732 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(227, 168, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 230)  
}
```

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(227, 168, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 230) }
```

Border

The CSS property to change the border of an element to YUV 192.7090, 18.3845, 30.0732 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(227, 168, 230) }
```


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

```
.border{ border-color:rgb(227, 168, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 192.7090, 18.3845, 30.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 230) }
```

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

```
.background{ background-color: rgb(227,  
168, 230) }
```

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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