

Converting Colors

YUV(202.4690, 18.9958,
20.6367)

Have a look what the booklet for
YUV(202.4690, 18.9958, 20.6367)
contains.

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Color

**YUV(202.4690, 18.9958,
20.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B7F1
RGB	226, 183, 241
RGB Percent	89%, 72%, 95%
CMY	0.1137, 0.2824, 0.0549
CMYK	0.06, 0.24, 0.00, 0.05
HSL	284°, 67%, 83%
HSV	284°, 24%, 95%
XYZ	64.1747, 56.3866, 90.7204
YIQ	202.4690, 7.0100, 27.1540

Conversions

Conversions Part 2

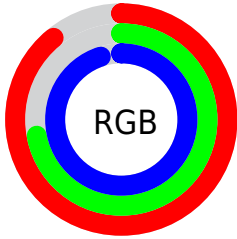
Format	Color
R_{YB}	226, 183, 241
Decimal	14858225
CIE _{Lab}	79.83, 25.57, -22.97
CIE _{LCh}	80, 34.369, 318.069
Yxy	56.3866, 0.3037, 0.2669
Android (android.graphics.Color)	4293048305 (0xFFE2B7F1)
YUV	202.4690, 18.9958, 20.6367
Hunter-Lab	75.0910, 21.1414, -19.0669

Details

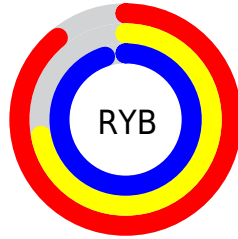
The YUV color $202.4690, 18.9958, 20.6367$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $221.5310, -18.9958, -20.6367$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.6303, 8.2368$, and $148.2300, 18.1276, 19.0923$ is the 20% darker color. If you saturate the color by 10%, you get $186.5870, 26.8256, 29.3032$, and if you desaturate by 10%, it is $218.3510, 11.1660, 11.9702$.

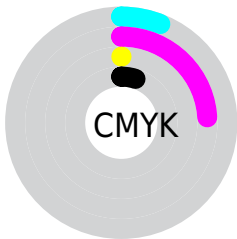
Distribution



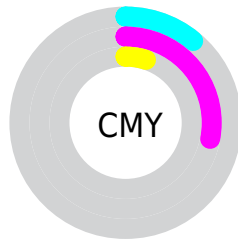
- Red (89%)
- Green (72%)
- Blue (95%)



- Red (89%)
- Yellow (72%)
- Blue (95%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)





- Cyan (11%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4690, 18.9958, 20.6367 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 202.4690, 18.9958, 20.6367 by changing the saturation by 10% instead.


 202.4690, 18.9958,
20.6367


 202.4690, 18.9958,
20.6367


255.0000, 0.0000,
0.0000


 175.0560, 18.7064,
20.1219


 245.6080, 4.6303,
8.2368

 148.2300, 18.1276,
19.0923

 121.8170, 17.8382,
18.5775

 96.9910, 17.2594,
17.5479

 72.4640, 16.5332,
17.1331

 49.6380, 15.9545,
16.1035

 26.9260, 15.8125,

14.9739

■ 12.2910, 12.1815,
12.8998

■ 2.0690, 5.3890,
-1.8145

■ 202.4690, 18.9958,
20.6367

■ 202.4690, 18.9958,
20.6367

■ 186.5870, 26.8256,
29.3032

■ 218.3510, 11.1660,
11.9702

■ 170.7050, 34.6554,
37.9697

■ 234.2330, 3.3361,
3.3037

■ 154.5240, 42.6327,
46.0215

■ 250.4140, -4.6411,
-4.7481

■ 138.6420, 50.4625,
54.6880

■ 252.2080, -5.5255,
-1.0594

■ 122.1730, 58.5817,
63.8693

■ 253.4040, -6.1152,
1.3997

■ 106.2910, 66.4115,
72.5358

■ 90.1100, 74.3888,
80.5875

■ 80.9950, 78.8825,
85.9504

Harmonies

Analogous

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



197.9640, 28.1187, -12.2464



202.4690, 18.9958, 20.6367



202.5400, 4.6638, 44.2534

Triad

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



202.4690, 18.9958, 20.6367



196.9890, -30.0676, 30.7046



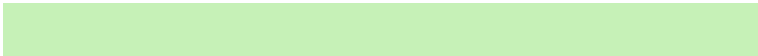
179.9460, 18.2676, -72.7436

Complementary

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



202.4690, 18.9958, 20.6367



221.5310, -18.9958, -20.6367

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.



185.1540, -0.5689, -51.0011



202.4690, 18.9958, 20.6367



194.1770, -28.6813, 5.9838

Square

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



202.4690, 18.9958, 20.6367



199.5210, -23.4279, 47.7781



189.8620, -17.6800, -22.6810



181.9750, 31.0713, -72.7691

Rectangle

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



202.4690, 18.9958, 20.6367



200.0430, -4.9512, 48.1973



189.8620, -17.6800, -22.6810



181.6710, 11.9942, -67.2405

Sweetspot

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



202.4690, 18.9958, 20.6367



242.9390, 5.9461, 6.1925



198.4170, 20.9934, -13.5207



120.6460, 3.6255, 3.8185



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.



202.4690, 18.9958, 20.6367



205.8810, 24.2157, 26.4144



205.3580, 10.6695, 31.2580



112.0590, 3.9149, 4.3333



61.6400, 60.3235, 65.2137



18.9420, 18.2696, 20.2219

Inverse Universe

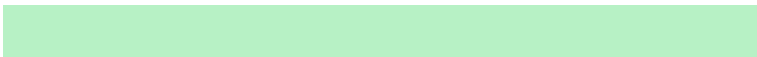
The Inverse Universe completely reimagines the original color for something new.



202.0520, -1.9976, 34.1574



205.2920, -2.6090, 43.5939



218.6420, -10.6695, -31.2580



111.9300, -0.4585, 7.0774



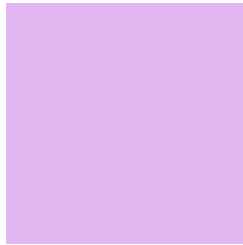
60.3740, -6.5934, 108.4200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 202.4690, 18.9958, 20.6367 looks on a white background.

Color Contrast Check

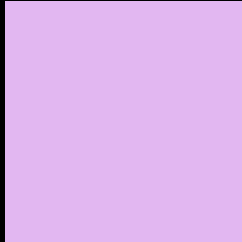
Large Text (above 18pt) WCAG AA × Fail

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 202.4690, 18.9958, 20.6367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

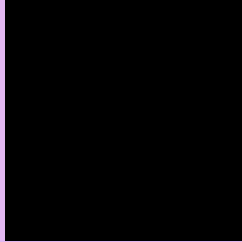
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.4690, 18.9958, 20.6367

Background



This preview shows how black text looks on a background with the YUV color 202.4690, 18.9958, 20.6367.



This preview shows how white text looks on a background with the YUV color 202.4690, 18.9958,

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

202.4690, 18.9958, 20.6367

Protanopia

198.8670, 25.2086, -12.1614

Deuteranopia

200.0270, 19.2137, -2.6547



Tritanopia

200.9790, 1.9824, 17.5584

Trichromacy



Original Color

202.4690, 18.9958, 20.6367

Protanomaly

200.0750, 23.1340, -0.0658

Deuteranomaly

201.0820, 19.1866, 6.0671

Tritanomaly

201.2980, 8.2341, 19.0327

Monochromacy



Original Color

202.4690, 18.9958, 20.6367

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1780, 6.8142, 7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4690, 18.9958, 20.6367 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(226, 183, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 241)  
}
```

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(226, 183, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 241) }
```

Border

The CSS property to change the border of an element to YUV 202.4690, 18.9958, 20.6367 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(226, 183, 241) }
```


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

```
.border{ border-color:rgb(226, 183, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 241);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 202.4690, 18.9958, 20.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 241) }
```

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

```
.background{ background-color: rgb(226,  
183, 241) }
```

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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