

Converting Colors

YUV(191.2150, 17.6420,
34.8914)

Have a look what the booklet for
YUV(191.2150, 17.6420, 34.8914)
contains.

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Color

**YUV(191.2150, 17.6420,
34.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A4E3
RGB	231, 164, 227
RGB Percent	91%, 64%, 89%
CMY	0.0941, 0.3569, 0.1098
CMYK	0.00, 0.29, 0.02, 0.09
HSL	304°, 58%, 77%
HSV	304°, 29%, 91%
XYZ	60.0956, 49.0859, 78.9802
YIQ	191.2150, 19.7090, 33.7970

Conversions

Conversions Part 2

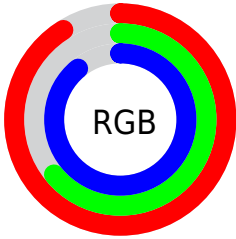
Format	Color
R _Y B	231, 164, 227
Decimal	15181027
CIE Lab	75.50, 34.73, -21.93
CIE LCh	76, 41.075, 327.725
Yxy	49.0859, 0.3194, 0.2609
Android (android.graphics.Color)	4293371107 (0xFFE7A4E3)
YUV	191.2150, 17.6420, 34.8914
Hunter-Lab	70.0613, 30.5023, -17.7947

Details

The YUV color **191.2150, 17.6420, 34.8914** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.7850, -17.6420, -34.8914**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **136.6770, 16.9212, 32.7323** is the 20% darker color. If you saturate the color by 10%, you get **177.6000, 23.8612, 46.8318**, and if you desaturate by 10%, it is **204.8300, 11.4228, 22.9511**.

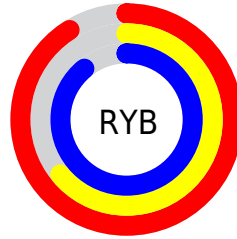
Distribution



Red (91%)

Green (64%)

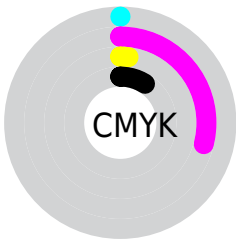
Blue (89%)



Red (91%)

Yellow (64%)

Blue (89%)

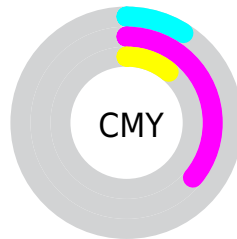


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.2150, 17.6420, 34.8914 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 191.2150, 17.6420, 34.8914 by changing the saturation by 10% instead.

 191.2150, 17.6420,
34.8914


 191.2150, 17.6420,
34.8914


255.0000, 0.0000,
0.0000


 163.5030, 17.5000,
33.7619


 234.4550, 10.1287,
18.0180


 136.6770, 16.9212,
32.7323

 250.8910, 2.0257,
3.6036

 110.9650, 16.7793,
31.6027

 85.5520, 16.4899,
31.0879

 60.8400, 16.3479,
29.9583

 35.9540, 16.7847,
29.8583

 19.2260, 14.1856,

23.4808

■ 9.0580, 8.8454,
9.5961

■ 0.0000, 0.0000,
0.0000

■ 191.2150, 17.6420,
34.8914

■ 191.2150, 17.6420,
34.8914

■ 177.6000, 23.8612,
46.8318

■ 204.8300, 11.4228,
22.9511

■ 163.8710, 29.6436,
58.8721

■ 218.5590, 5.6404,
10.9108

■ 150.2560, 35.8628,
70.8125

■ 232.1740, -0.5788,
-1.0296

■ 136.5270, 41.6452,
82.8528

■ 245.3160, -6.0718,
-12.5551

122.9120, 47.8644,
94.7932

245.4300, -5.6350,
-12.6551

108.7100, 54.3730,
107.2483

245.5440, -5.1982,
-12.7551

94.9810, 60.1554,
119.2887

245.7720, -4.3246,
-12.9550

93.8070, 60.7341,
120.3183

245.8860, -3.8878,
-13.0550

246.0000, -3.4510,
-13.1550

Harmonies

Analogous

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



188.3550, 31.8700, -2.0653



191.2150, 17.6420, 34.8914



190.0640, -0.0316, 56.9489

Triad

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



191.2150, 17.6420, 34.8914



183.6480, -36.3085, 25.7417



146.6110, 36.1808, -125.0698

Complementary

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



191.2150, 17.6420, 34.8914



203.7850, -17.6420, -34.8914

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.



164.6930, 8.5324, -76.9068



191.2150, 17.6420, 34.8914



179.6550, -30.3959, -4.0824

Square

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



191.2150, 17.6420, 34.8914



186.4690, -31.2902, 49.5777



173.8600, -14.7210, -38.4652



161.3340, 43.2193, -95.8859

Rectangle

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



191.2150, 17.6420, 34.8914



187.2140, -10.9515, 59.4483



173.8600, -14.7210, -38.4652



154.5010, 26.3750, -106.5564

Sweetspot

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



191.2150, 17.6420, 34.8914



241.3850, 6.2192, 11.9404



172.5350, 28.8232, -4.8542



119.0810, 3.9041, 7.8220



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.



191.2150, 17.6420, 34.8914



202.1870, 23.5718, 46.3170



187.4530, 3.2277, 38.1907



107.8420, 3.0359, 6.2776



72.6730, 46.9962, 93.2488



20.7210, 13.4485, 26.5547

Inverse Universe

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



191.2150, 17.6420, 34.8914



202.1870, 23.5718, 46.3170



207.5470, -3.2277, -38.1907



107.8420, 3.0359, 6.2776



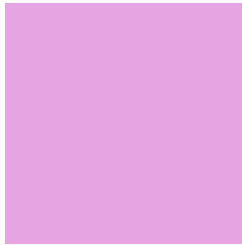
72.6730, 46.9962, 93.2488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 191.2150, 17.6420, 34.8914 looks on a white background.

Color Contrast Check

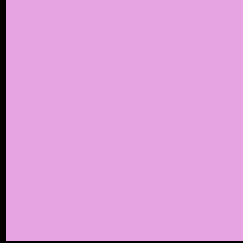
Large Text (above 18pt) WCAG AA × Fail

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 191.2150, 17.6420, 34.8914 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 191.2150, 17.6420, 34.8914

Background



This preview shows how black text looks on a background with the YUV color 191.2150, 17.6420, 34.8914.



This preview shows how white text looks on a background with the YUV color 191.2150, 17.6420,

34.8914.

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

191.2150, 17.6420, 34.8914

Protanopia

186.6110, 26.8138, -13.6908

Deuteranopia

187.9840, 17.7559, -1.7400



Tritanopia

189.3290, -2.1342, 31.2835

Trichromacy



Original Color

191.2150, 17.6420, 34.8914



Protanomaly

188.5100, 23.4126, 3.9377



Deuteranomaly

188.7730, 17.8599, 11.6001



Tritanomaly

189.8760, 4.9911, 32.5577

Monochromacy



Original Color

191.2150, 17.6420, 34.8914



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0970, 6.3612, 13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2150, 17.6420, 34.8914 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(231, 164, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 164, 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(231, 164, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 164, 227) }
```

Border

The CSS property to change the border of an element to YUV 191.2150, 17.6420, 34.8914 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(231, 164, 227) }
```


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

```
.border{ border-color:rgb(231, 164, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 164, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 164, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 164, 227); box-shadow:4px 4px 4px 4px rgb(231, 164, 227) }
```

Background

The CSS property to change the background color of an element to YUV 191.2150, 17.6420, 34.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 164, 227) }
```

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

```
.background{ background-color: rgb(231,  
164, 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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