

Converting Colors

YUV(192.8270, 6.0013, 35.2317)

Have a look what the booklet for
YUV(192.8270, 6.0013, 35.2317)
contains.

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Color

**YUV(192.8270, 6.0013,
35.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AACD
RGB	233, 170, 205
RGB Percent	91%, 67%, 80%
CMY	0.0863, 0.3333, 0.1961
CMYK	0.00, 0.27, 0.12, 0.09
HSL	327°, 59%, 79%
HSV	327°, 27%, 91%
XYZ	58.9984, 50.4809, 64.3918
YIQ	192.8270, 26.3130, 24.2410

Conversions

Conversions Part 2

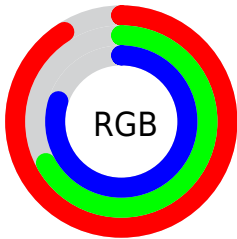
Format	Color
R_{YB}	233, 170, 205
Decimal	15313613
CIE _{Lab}	76.36, 28.40, -8.63
CIE _{LCh}	76, 29.681, 343.101
Yxy	50.4809, 0.3393, 0.2903
Android (android.graphics.Color)	4293503693 (0xFFE9AACD)
YUV	192.8270, 6.0013, 35.2317
Hunter-Lab	71.0499, 23.8856, -3.9990

Details

The YUV color **192.8270, 6.0013, 35.2317** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210.1730, -6.0013, -35.2317**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **138.5170, 6.1541, 32.8726** is the 20% darker color. If you saturate the color by 10%, you get **178.1860, 8.2893, 48.0719**, and if you desaturate by 10%, it is **207.4680, 3.7133, 22.3916**.

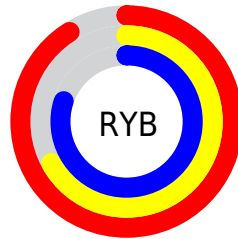
Distribution



Red (91%)

Green (67%)

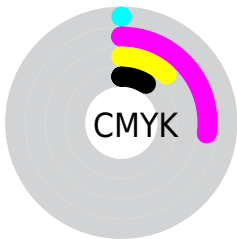
Blue (80%)



Red (91%)

Yellow (67%)

Blue (80%)

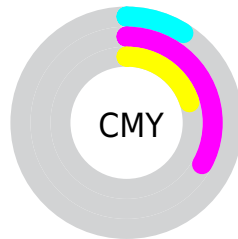


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8270, 6.0013, 35.2317 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 192.8270, 6.0013, 35.2317 by changing the saturation by 10% instead.

 192.8270, 6.0013,
35.2317

 192.8270, 6.0013,
35.2317

255.0000, 0.0000,
0.0000


 165.2290, 6.2961,
34.0022

 237.9770, 8.3923,
14.9292

 138.5170, 6.1541,
32.8726

 112.8050, 6.0121,
31.7430

 88.0930, 5.8702,
30.6134

 63.4950, 6.1650,
29.3839

 39.8970, 6.4598,
28.1543

 18.0000, 6.9020,

26.3100

■ 7.8600, -0.9170,
14.1548

■ 0.0000, 0.0000,
0.0000

■ 192.8270, 6.0013,
35.2317

■ 192.8270, 6.0013,
35.2317

■ 178.1860, 8.2893,
48.0719

■ 207.4680, 3.7133,
22.3916

■ 162.8440, 10.4299,
61.5268

■ 222.8100, 1.5727,
8.9366

■ 148.2030, 12.7179,
74.3670

■ 237.4510, -0.7153,
-3.9035

■ 133.5620, 15.0059,
87.2071

■ 247.3960, -0.6882,
-12.6253

■ 118.2200, 17.1465,
100.6621

■ 248.4220, 3.2430,
-13.5251

■ 103.5790, 19.4346,
113.5022

■ 88.9380, 21.7226,
126.3424

■ 84.3730, 22.0011,
130.3459

Harmonies

Analogous

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



191.8980, 18.2913, 13.2445



192.8270, 6.0013, 35.2317



191.7500, -7.2717, 45.8233

Triad

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



192.8270, 6.0013, 35.2317



185.5240, -24.9083, 9.1875



175.6300, 24.3394, -60.1885

Complementary

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



192.8270, 6.0013, 35.2317



210.1730, -6.0013, -35.2317

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.



175.1390, 12.2565, -58.0039



192.8270, 6.0013, 35.2317



182.4330, -16.9755, -15.2887

Square

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



192.8270, 6.0013, 35.2317



188.1290, -25.6996, 29.7049



178.2480, -3.0803, -38.8055



181.8800, 28.6532, -43.7448

Rectangle

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



192.8270, 6.0013, 35.2317



190.9750, -15.2707, 44.7489



178.2480, -3.0803, -38.8055



174.9950, 20.7085, -62.2626

Sweetspot

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



192.8270, 6.0013, 35.2317



242.2340, 1.8566, 11.1958



185.2550, 23.5383, 10.3004



119.6850, 1.1413, 7.2923



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.



192.8270, 6.0013, 35.2317



202.7620, 8.0053, 45.8127



189.2930, -7.5394, 38.3310



109.9730, 0.9993, 6.1627



65.6330, 17.4359, 101.1769



19.5660, 5.1440, 30.1986

Inverse Universe

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



192.8270, 6.0013, 35.2317



202.7620, 8.0053, 45.8127



213.7070, 7.5394, -38.3310



109.9730, 0.9993, 6.1627



65.6330, 17.4359, 101.1769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 192.8270, 6.0013, 35.2317 looks on a white background.

Color Contrast Check

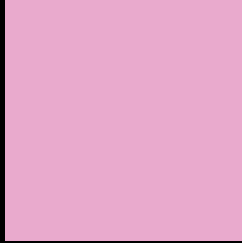
Large Text (above 18pt) WCAG AA × Fail

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 192.8270, 6.0013, 35.2317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

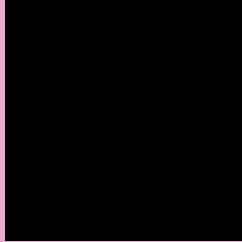
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.8270, 6.0013, 35.2317

Background



This preview shows how black text looks on a background with the YUV color 192.8270, 6.0013, 35.2317.



This preview shows how white text looks on a background with the YUV color 192.8270, 6.0013,

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

192.8270, 6.0013, 35.2317

Protanopia

189.4090, 13.1094, -4.7437

Deuteranopia

190.6620, 6.0826, 9.0664



Tritanopia

191.9380, -2.4344, 34.2574

Trichromacy



Original Color

192.8270, 6.0013, 35.2317

Protanomaly

190.8130, 10.4452, 9.8110

Deuteranomaly

191.4290, 6.1975, 18.9178

Tritanomaly

192.4480, 0.7651, 34.6871

Monochromacy



Original Color

192.8270, 6.0013, 35.2317

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8270, 6.0013, 35.2317 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(233, 170, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 170, 205)  
}
```

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(233, 170, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 170, 205) }
```

Border

The CSS property to change the border of an element to YUV 192.8270, 6.0013, 35.2317 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(233, 170, 205) }
```


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

```
.border{ border-color:rgb(233, 170, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 170, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 170, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 170, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 170,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 192.8270, 6.0013, 35.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 170, 205) }
```

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

```
.background{ background-color: rgb(233,  
170, 205) }
```

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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