

Converting Colors

YUV(193.7260, 15.9111,
30.0583)

Have a look what the booklet for
YUV(193.7260, 15.9111, 30.0583)
contains.

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Color

**YUV(193.7260, 15.9111,
30.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AAE2
RGB	228, 170, 226
RGB Percent	89%, 67%, 89%
CMY	0.1059, 0.3333, 0.1137
CMYK	0.00, 0.25, 0.01, 0.11
HSL	302°, 52%, 78%
HSV	302°, 25%, 89%
XYZ	60.0971, 50.7344, 78.5768
YIQ	193.7260, 16.5920, 29.7120

Conversions

Conversions Part 2

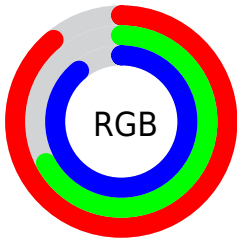
Format	Color
R _{YB}	228, 170, 226
Decimal	14985954
CIE _{Lab}	76.52, 30.37, -19.88
CIE _{LCh}	77, 36.295, 326.787
Yxy	50.7344, 0.3173, 0.2679
Android (android.graphics.Color)	4293176034 (0xFFE4AAE2)
YUV	193.7260, 15.9111, 30.0583
Hunter-Lab	71.2281, 25.9562, -15.5473

Details

The YUV color **193.7260, 15.9111, 30.0583** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.2740, -15.9111, -30.0583**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **139.6010, 15.4797, 28.4139** is the 20% darker color. If you saturate the color by 10%, you get **180.1110, 22.1303, 41.9987**, and if you desaturate by 10%, it is **207.3410, 9.6919, 18.1179**.

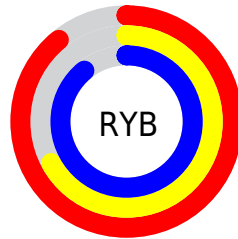
Distribution



Red (89%)

Green (67%)

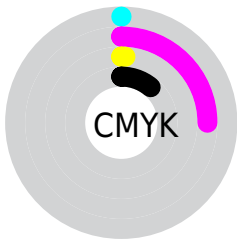
Blue (89%)



Red (89%)

Yellow (67%)

Blue (89%)

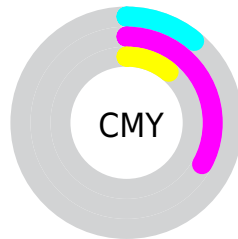


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7260, 15.9111, 30.0583 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 193.7260, 15.9111, 30.0583 by changing the saturation by 10% instead.

193.7260, 15.9111,
30.0583

193.7260, 15.9111,
30.0583

255.0000, 0.0000,
0.0000

166.3130, 15.6217,
29.5435

237.9770, 8.3923,
14.9292

139.6010, 15.4797,
28.4139

113.7750, 14.9009,
27.3843

88.9490, 14.3221,
26.3547

64.2370, 14.1802,
25.2252

40.6390, 14.4750,
23.9956

18.8130, 13.8962,

22.9660

■ 9.2430, 8.2612,
10.3109

■ 0.0000, 0.0000,
0.0000

■ 193.7260, 15.9111,
30.0583

■ 193.7260, 15.9111,
30.0583

■ 180.1110, 22.1303,
41.9987

■ 207.3410, 9.6919,
18.1179

■ 166.4960, 28.3495,
53.9390

■ 220.9560, 3.4727,
6.1776

■ 153.5820, 34.7161,
65.2646

■ 233.8700, -2.8939,
-5.1480

■ 139.9670, 40.9353,
77.2049

■ 243.9630, -7.3768,
-13.9996

126.3520, 47.1545,
89.1453

244.0770, -6.9400,
-14.0995

112.7370, 53.3737,
101.0857

244.1910, -6.5032,
-14.1995

99.1220, 59.5929,
113.0260

244.3050, -6.0664,
-14.2995

93.2520, 62.4868,
118.1740

244.4190, -5.6296,
-14.3995

Harmonies

Analogous

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



190.8450, 28.6704, -2.4951



193.7260, 15.9111, 30.0583



193.4330, 0.2795, 50.4863

Triad

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



193.7260, 15.9111, 30.0583



186.7880, -31.9405, 24.7419



167.0030, 25.1415, -84.1946

Complementary

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



193.7260, 15.9111, 30.0583



204.2740, -15.9111, -30.0583

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.



172.6840, 5.5788, -62.8669



193.7260, 15.9111, 30.0583



183.4640, -27.3438, -3.0379

Square

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



193.7260, 15.9111, 30.0583



189.4730, -27.3482, 45.1892



178.5340, -13.5743, -32.9173



172.4030, 35.2973, -74.8984

Rectangle

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



193.7260, 15.9111, 30.0583



192.0070, -10.3565, 55.2449



178.5340, -13.5743, -32.9173



168.4290, 19.0155, -79.3062

Sweetspot

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



193.7260, 15.9111, 30.0583



243.1460, 5.3510, 10.3960



177.2100, 25.0395, -4.5692



120.2550, 3.3253, 6.7924



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.



193.7260, 15.9111, 30.0583



208.2850, 21.5515, 40.9691



190.4200, 3.2439, 32.9577



107.8420, 3.0359, 6.2776



73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Inverse Universe

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



193.7260, 15.9111, 30.0583



208.2850, 21.5515, 40.9691



207.5800, -3.2439, -32.9577



107.8420, 3.0359, 6.2776



73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 193.7260, 15.9111, 30.0583 looks on a white background.

Color Contrast Check

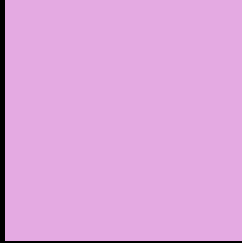
Large Text (above 18pt) WCAG AA × Fail

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 193.7260, 15.9111, 30.0583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

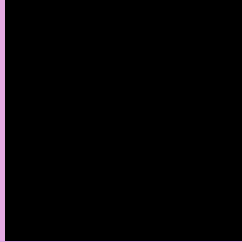
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.7260, 15.9111, 30.0583

Background



This preview shows how black text looks on a background with the YUV color 193.7260, 15.9111, 30.0583.



This preview shows how white text looks on a background with the YUV color 193.7260, 15.9111, 30.0583.

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

193.7260, 15.9111, 30.0583

Protanopia

189.8240, 23.7508, -11.2466

Deuteranopia

191.1260, 15.7139, -0.1105



Tritanopia

192.2360, -1.1023, 26.9800

Trichromacy



Original Color

193.7260, 15.9111, 30.0583



Protanomaly

191.5270, 20.9392, 3.9228



Deuteranomaly

192.1920, 15.6813, 10.3556



Tritanomaly

192.5550, 5.1494, 28.4543

Monochromacy



Original Color

193.7260, 15.9111, 30.0583



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.6730, 6.0772, 10.8108

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7260, 15.9111, 30.0583 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(228, 170, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 170, 226)  
}
```

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(228, 170, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 170, 226) }
```

Border

The CSS property to change the border of an element to YUV 193.7260, 15.9111, 30.0583 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(228, 170, 226) }
```


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

```
.border{ border-color:rgb(228, 170, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 170, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 170, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 170, 226); box-shadow:4px 4px 4px 4px rgb(228, 170, 226) }
```

Background

The CSS property to change the background color of an element to YUV 193.7260, 15.9111, 30.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 170, 226) }
```

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

```
.background{ background-color: rgb(228,  
170, 226) }
```

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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