

Converting Colors

YUV(193.1440, 15.2120,
20.9217)

Have a look what the booklet for
YUV(193.1440, 15.2120, 20.9217)
contains.

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Color

**YUV(193.1440, 15.2120,
20.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AFE0
RGB	217, 175, 224
RGB Percent	85%, 69%, 88%
CMY	0.1490, 0.3137, 0.1216
CMYK	0.03, 0.22, 0.00, 0.12
HSL	291°, 44%, 78%
HSV	291°, 22%, 88%
XYZ	57.3998, 50.7935, 77.2998
YIQ	193.1440, 9.3030, 24.1430

Conversions

Conversions Part 2

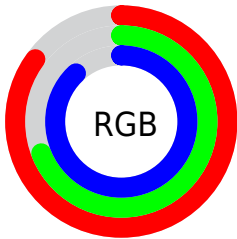
Format	Color
R _Y B	217, 175, 224
Decimal	14266336
CIE _{Lab}	76.55, 23.69, -18.84
CIE _{LCh}	77, 30.271, 321.506
Yxy	50.7935, 0.3094, 0.2738
Android (android.graphics.Color)	4292456416 (0xFFD9AFE0)
YUV	193.1440, 15.2120, 20.9217
Hunter-Lab	71.2695, 19.0404, -14.4180

Details

The YUV color **193.1440, 15.2120, 20.9217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.8560, -15.2120, -20.9217**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **139.3180, 14.6332, 19.8921** is the 20% darker color. If you saturate the color by 10%, you get **179.3330, 22.0208, 30.4030**, and if you desaturate by 10%, it is **206.9550, 8.4032, 11.4405**.

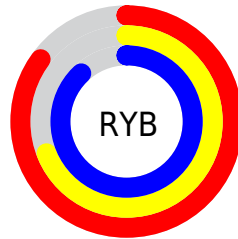
Distribution



Red (85%)

Green (69%)

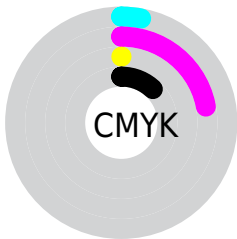
Blue (88%)



Red (85%)

Yellow (69%)

Blue (88%)

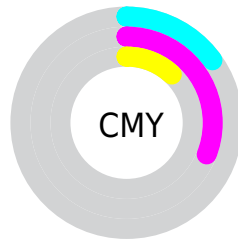


Cyan (3%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1440, 15.2120, 20.9217 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 193.1440, 15.2120, 20.9217 by changing the saturation by 10% instead.

■ 193.1440, 15.2120,
20.9217

■ 193.1440, 15.2120,
20.9217

255.0000, 0.0000,
0.0000

■ 165.7310, 14.9226,
20.4069

■ 240.9120, 6.9454,
12.3552

■ 139.3180, 14.6332,
19.8921

■ 113.4920, 14.0544,
18.8625

■ 88.7800, 13.9125,
17.7329

■ 65.2530, 13.1863,
17.3181

■ 42.4270, 12.6075,
16.2885

■ 20.1280, 12.7549,

15.6737

■ 5.2420, 9.7407,
2.4188

■ 0.0000, 0.0000,
0.0000

■ 193.1440, 15.2120,
20.9217

■ 193.1440, 15.2120,
20.9217

■ 179.3330, 22.0208,
30.4030

■ 206.9550, 8.4032,
11.4405

■ 164.9350, 29.1190,
40.3990

■ 221.3530, 1.3050,
1.4444

■ 150.8250, 36.0753,
49.2655

■ 235.4630, -5.6513,
-7.4221

■ 136.4270, 43.1735,
59.2615

■ 243.9910, -9.8556,
-12.2701

122.6160, 49.9823,
68.7428

244.8880,
-10.2978, -10.4258

108.8050, 56.7911,
78.2240

245.7850,
-10.7400, -8.5814

94.4070, 63.8893,
88.2201

246.6820,
-11.1822, -6.7371

82.9440, 69.5406,
95.6421

247.8780,
-11.7719, -4.2780

248.7750,
-12.2141, -2.4337

Harmonies

Analogous

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



190.4870, 24.9029, -7.4431



193.1440, 15.2120, 20.9217



193.2360, 2.3487, 40.1350

Triad

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



193.1440, 15.2120, 20.9217



187.8680, -26.5569, 24.6718



174.5560, 16.4879, -61.8776

Complementary

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



193.1440, 15.2120, 20.9217



205.8560, -15.2120, -20.9217

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.



177.6430, 1.1620, -46.1679



193.1440, 15.2120, 20.9217



185.0070, -24.1605, 2.6249

Square

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



193.1440, 15.2120, 20.9217



190.2320, -21.8064, 41.0155



181.4860, -14.0436, -22.3512



177.3250, 26.9548, -59.0440

Rectangle

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



193.1440, 15.2120, 20.9217



192.2770, -6.5456, 46.2381



181.4860, -14.0436, -22.3512



175.6120, 11.5303, -58.4187

Sweetspot

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



193.1440, 15.2120, 20.9217



243.5370, 5.6513, 7.4221



184.6950, 19.3774, -8.5025



120.9450, 3.4781, 4.4332



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.



193.1440, 15.2120, 20.9217



213.5670, 20.4265, 28.4437



193.2990, 6.7546, 26.9248



105.2440, 3.3307, 5.0480



65.2130, 54.6180, 75.2352



18.0300, 14.7752, 21.0217

Inverse Universe

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



190.4490, -4.1654, 29.4242



209.7600, -5.7977, 39.6755



205.7010, -6.7546, -26.9248



104.5170, -0.7479, 6.5626



55.4740, -15.0237, 105.7013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 193.1440, 15.2120, 20.9217 looks on a white background.

Color Contrast Check

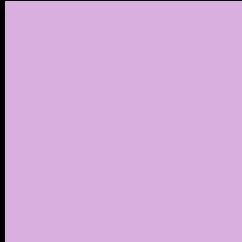
Large Text (above 18pt) WCAG AA × Fail

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 193.1440, 15.2120, 20.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

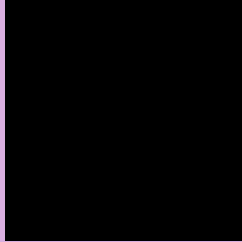
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.1440, 15.2120, 20.9217

Background



This preview shows how black text looks on a background with the YUV color 193.1440, 15.2120, 20.9217.



This preview shows how white text looks on a background with the YUV color 193.1440, 15.2120,

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

193.1440, 15.2120, 20.9217

Protanopia

189.7380, 20.8352, -9.4172

Deuteranopia

191.0120, 15.2771, -0.0105



Tritanopia

191.4630, 1.2507, 18.8879

Trichromacy



Original Color

193.1440, 15.2120, 20.9217

Protanomaly

191.2340, 18.6186, 1.5488

Deuteranomaly

191.4690, 15.5448, 7.4817

Tritanomaly

191.8420, 6.4869, 19.4326

Monochromacy



Original Color

193.1440, 15.2120, 20.9217

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1440, 15.2120, 20.9217 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(217, 175, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 175, 224)  
}
```

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(217, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 175, 224) }
```

Border

The CSS property to change the border of an element to YUV 193.1440, 15.2120, 20.9217 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(217, 175, 224) }
```


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

```
.border{ border-color:rgb(217, 175, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 175, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 175,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 193.1440, 15.2120, 20.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 175, 224) }
```

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

```
.background{ background-color: rgb(217,  
175, 224) }
```

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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