

Converting Colors

YUV(196.3340, 17.0903,
25.1401)

Have a look what the booklet for
YUV(196.3340, 17.0903, 25.1401)
contains.

YUV(196.3340, 17.0903, 25.1401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(196.3340, 17.0903,
25.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AFE7
RGB	225, 175, 231
RGB Percent	88%, 69%, 91%
CMY	0.1176, 0.3137, 0.0941
CMYK	0.03, 0.24, 0.00, 0.09
HSL	294°, 54%, 80%
HSV	294°, 24%, 91%
XYZ	60.8051, 52.4370, 82.5179
YIQ	196.3340, 11.8240, 28.0160

Conversions

Conversions Part 2

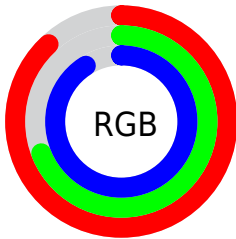
Format	Color
R _Y B	225, 175, 231
Decimal	14790631
CIE Lab	77.54, 27.63, -21.07
CIE LCh	78, 34.747, 322.679
Yxy	52.4370, 0.3106, 0.2679
Android (android.graphics.Color)	4292980711 (0xFFE1AFE7)
YUV	196.3340, 17.0903, 25.1401
Hunter-Lab	72.4134, 23.1619, -16.8739

Details

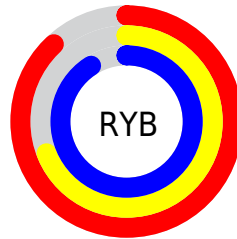
The YUV color **196.3340, 17.0903, 25.1401** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.6660, -17.0903, -25.1401**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **142.0950, 16.2222, 23.5957** is the 20% darker color. If you saturate the color by 10%, you get **182.2350, 24.0411, 35.7509**, and if you desaturate by 10%, it is **210.4330, 10.1395, 14.5293**.

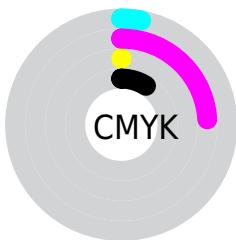
Distribution



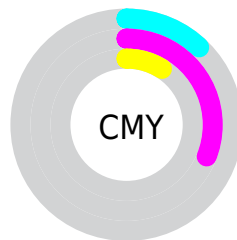
- Red (88%)
- Green (69%)
- Blue (91%)



- Red (88%)
- Yellow (69%)
- Blue (91%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)





- Cyan (12%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.3340, 17.0903, 25.1401 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 196.3340, 17.0903, 25.1401 by changing the saturation by 10% instead.


 196.3340, 17.0903,
25.1401


 196.3340, 17.0903,
25.1401

255.0000, 0.0000,
0.0000


 168.9210, 16.8009,
24.6253


 240.9120, 6.9454,
12.3552

 142.0950, 16.2222,
23.5957

 116.3830, 16.0802,
22.4661

 90.9700, 15.7908,
21.9513

 67.1440, 15.2120,
20.9217

 43.7310, 14.9226,
20.4069

 21.0190, 14.7806,

19.2773

■ 9.6990, 10.0084,
9.9110

■ 0.0000, 0.0000,
0.0000

■ 196.3340, 17.0903,
25.1401

■ 196.3340, 17.0903,
25.1401

■ 182.2350, 24.0411,
35.7509

■ 210.4330, 10.1395,
14.5293

■ 167.8370, 31.1394,
45.7470

■ 224.8310, 3.0413,
4.5332

■ 153.7380, 38.0902,
56.3578

■ 238.9300, -3.9095,
-6.0776

■ 139.3400, 45.1884,
66.3538

■ 246.2840, -7.5350,
-9.8961

124.6540, 52.4286,
77.4794

246.8820, -7.8298,
-8.6665

110.2560, 59.5268,
87.4755

247.7790, -8.2720,
-6.8222

96.1570, 66.4776,
98.0863

248.3770, -8.5669,
-5.5926

87.9280, 70.5345,
103.5491

249.2740, -9.0091,
-3.7483

249.8720, -9.3039,
-2.5187

Harmonies

Analogous

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



193.1110, 28.5393, -7.1133



196.3340, 17.0903, 25.1401



195.9810, 2.4744, 46.4977

Triad

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



196.3340, 17.0903, 25.1401



190.4400, -30.7829, 26.8011



172.6080, 20.8993, -76.8322

Complementary

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



196.3340, 17.0903, 25.1401



209.6660, -17.0903, -25.1401

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.



177.5170, 2.2101, -55.7044



196.3340, 17.0903, 25.1401



187.0840, -27.6494, 1.6803

Square

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



196.3340, 17.0903, 25.1401



192.7550, -25.0222, 45.8189



183.1110, -15.3377, -27.2843



176.0290, 32.5237, -71.9394

Rectangle

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



196.3340, 17.0903, 25.1401



194.6800, -7.7302, 52.9006



183.1110, -15.3377, -27.2843



173.5610, 15.4994, -71.5290

Sweetspot

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



196.3340, 17.0903, 25.1401



243.8360, 5.5039, 8.0368



185.4930, 22.4350, -9.2024



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.



196.3340, 17.0903, 25.1401



209.1700, 22.5942, 33.1769



195.7340, 7.0331, 30.9283



107.6570, 3.6201, 5.5628



67.9470, 54.7491, 79.8535



19.5680, 15.4960, 23.1809

Inverse Universe

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



192.4280, -5.6340, 33.8276



204.0380, -7.4137, 44.6937



210.2660, -7.0331, -30.9283



106.8160, -0.8953, 7.1774



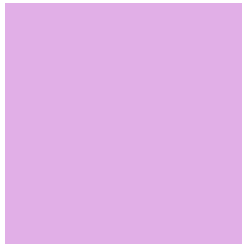
55.6870, -18.0867, 108.1455



15.8190, -5.3338, 30.8537

Previews

White Background



This preview shows how the YUV color 196.3340, 17.0903, 25.1401 looks on a white background.

Color Contrast Check

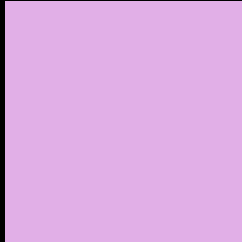
Large Text (above 18pt) WCAG AA × Fail

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 196.3340, 17.0903, 25.1401 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 196.3340, 17.0903, 25.1401

Background



This preview shows how black text looks on a background with the YUV color 196.3340, 17.0903, 25.1401.



This preview shows how white text looks on a background with the YUV color 196.3340, 17.0903,

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

196.3340, 17.0903, 25.1401

Protanopia

192.5250, 23.8982, -11.8614

Deuteranopia

193.2830, 17.6085, -1.1252



Tritanopia

194.9580, 0.5137, 21.9618

Trichromacy



Original Color

196.3340, 17.0903, 25.1401



Protanomaly

194.2170, 21.0920, 1.5637



Deuteranomaly

194.6370, 17.4340, 8.2114



Tritanomaly

195.2770, 6.7654, 23.4361

Monochromacy



Original Color

196.3340, 17.0903, 25.1401



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3340, 17.0903, 25.1401 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(225, 175, 231)` looks like.

```
.text, #text, p{  
    color:rgb(225, 175, 231)  
}
```

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(225, 175, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 175, 231) }
```

Border

The CSS property to change the border of an element to YUV 196.3340, 17.0903, 25.1401 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(225, 175, 231) }
```


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

```
.border{ border-color:rgb(225, 175, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 175, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 175, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 175, 231);  
box-shadow:4px 4px 4px 4px rgb(225, 175,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 196.3340, 17.0903, 25.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 175, 231) }
```

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

```
.background{ background-color: rgb(225,  
175, 231) }
```

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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