

Converting Colors

YUV(197.0170, 4.4286, 26.2951)

Have a look what the booklet for
YUV(197.0170, 4.4286, 26.2951)
contains.

YUV(197.0170, 4.4286, 26.2951)	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(197.0170, 4.4286,
26.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B4CE
RGB	227, 180, 206
RGB Percent	89%, 71%, 81%
CMY	0.1098, 0.2941, 0.1922
CMYK	0.00, 0.21, 0.09, 0.11
HSL	327°, 46%, 80%
HSV	327°, 21%, 89%
XYZ	59.1404, 53.4296, 65.5884
YIQ	197.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

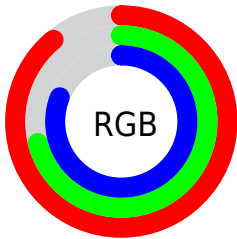
Format	Color
R _Y B	227, 180, 206
Decimal	14922958
CIE Lab	78.13, 21.14, -6.62
CIE LCh	78, 22.148, 342.611
Yxy	53.4296, 0.3320, 0.2999
Android (android.graphics.Color)	4293113038 (0xFFE3B4CE)
YUV	197.0170, 4.4286, 26.2951
Hunter-Lab	73.0956, 16.5040, -2.0338

Details

The YUV color **197.0170, 4.4286, 26.2951** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209.9830, -4.4286, -26.2951**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **143.0060, 4.4340, 24.5507** is the 20% darker color. If you saturate the color by 10%, you get **182.3760, 6.7166, 39.1352**, and if you desaturate by 10%, it is **211.6580, 2.1406, 13.4549**.

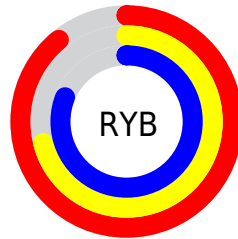
Distribution



Red (89%)

Green (71%)

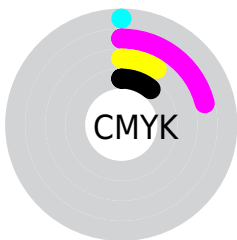
Blue (81%)



Red (89%)

Yellow (71%)

Blue (81%)

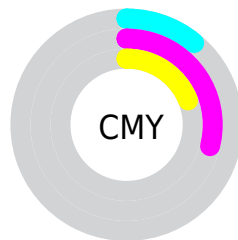


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0170, 4.4286, 26.2951 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 197.0170, 4.4286, 26.2951 by changing the saturation by 10% instead.


 197.0170, 4.4286,
26.2951

 197.0170, 4.4286,
26.2951

255.0000, 0.0000,
0.0000

 169.7180, 4.5760,
25.6803


 243.8470, 5.4984,
9.7812

 143.0060, 4.4340,
24.5507

 117.2940, 4.2921,
23.4212

 91.9950, 4.4395,
22.8064

 68.2830, 4.2975,
21.6768

 45.5710, 4.1555,
20.5472

 23.3860, 4.7397,

19.8325

■ 8.2020, 0.3934,
13.8548

■ 0.0000, 0.0000,
0.0000

■ 197.0170, 4.4286,
26.2951

■ 197.0170, 4.4286,
26.2951

■ 182.3760, 6.7166,
39.1352

■ 211.6580, 2.1406,
13.4549

■ 168.3220, 8.7153,
51.4606

■ 225.7120, 0.1420,
1.1296

■ 153.6810, 11.0033,
64.3008

■ 240.3530, -2.1460,
-11.7106

■ 138.9260, 12.8545,
77.2409

■ 245.7160, 0.6330,
-16.4139

■ 124.8720, 14.8531,
89.5663

■ 246.6280, 4.1274,
-17.2138

■ 110.2310, 17.1411,
102.4064

■ 95.5900, 19.4291,
115.2466

■ 82.2370, 21.5752,
126.9572

Harmonies

Analogous

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



196.0240, 13.7922, 9.6260



197.0170, 4.4286, 26.2951



196.7270, -5.7814, 34.4424

Triad

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



197.0170, 4.4286, 26.2951



191.7070, -19.0826, 7.2730



185.5030, 17.0070, -41.6601

Complementary

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



197.0170, 4.4286, 26.2951



209.9830, -4.4286, -26.2951

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.



184.8100, 7.9817, -40.1754



197.0170, 4.4286, 26.2951



188.9050, -12.7712, -10.4407

Square

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



197.0170, 4.4286, 26.2951



193.6920, -19.5682, 23.0721



186.3140, -3.1128, -28.3394



189.6060, 20.9002, -30.3495

Rectangle

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



197.0170, 4.4286, 26.2951



195.5330, -11.6018, 34.6126



186.3140, -3.1128, -28.3394



185.2210, 14.6810, -42.2898

Sweetspot

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



197.0170, 4.4286, 26.2951



245.3970, 1.2833, 8.4218



191.3380, 17.5814, 7.5966



122.2610, 0.8573, 5.0331



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.



197.0170, 4.4286, 26.2951



214.2400, 6.2907, 35.7465



194.3950, -5.6177, 28.5946



107.3860, 1.2887, 6.6775



64.8070, 16.8571, 100.1473



18.4410, 4.7126, 28.5542

Inverse Universe

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



197.0170, 4.4286, 26.2951



214.2400, 6.2907, 35.7465



212.6050, 5.6177, -28.5946



107.3860, 1.2887, 6.6775



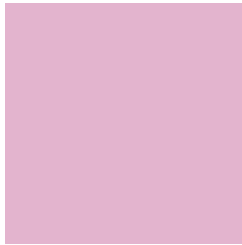
64.8070, 16.8571, 100.1473



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 197.0170, 4.4286, 26.2951 looks on a white background.

Color Contrast Check

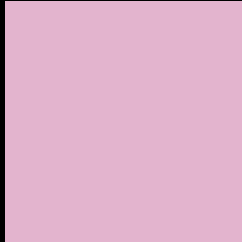
Large Text (above 18pt) WCAG AA × Fail

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 197.0170, 4.4286, 26.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

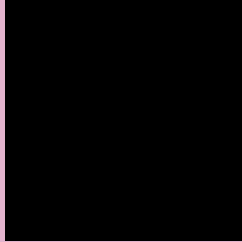
Any Text WCAG AA ✓ Pass

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 197.0170, 4.4286, 26.2951 Background



This preview shows how black text looks on a background with the YUV color 197.0170, 4.4286, 26.2951.



This preview shows how white text looks on a background with the YUV color 197.0170, 4.4286,

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

197.0170, 4.4286, 26.2951

Protanopia

194.0950, 9.3202, -2.7143

Deuteranopia

195.6190, 4.6248, 9.9811



Tritanopia

196.7520, -0.3707, 25.6505

Trichromacy



Original Color

197.0170, 4.4286, 26.2951

Protanomaly

195.2920, 7.2510, 7.6369

Deuteranomaly

195.9510, 4.4612, 15.8290

Tritanomaly

196.6210, 1.6658, 25.7654

Monochromacy



Original Color

197.0170, 4.4286, 26.2951

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0170, 4.4286, 26.2951 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(227, 180, 206)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 206)  
}
```

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(227, 180, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 206) }
```

Border

The CSS property to change the border of an element to YUV 197.0170, 4.4286, 26.2951 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(227, 180, 206) }
```


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

```
.border{ border-color:rgb(227, 180, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 180, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 180, 206);  
box-shadow:4px 4px 4px 4px rgb(227, 180,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 197.0170, 4.4286, 26.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 206) }
```

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

```
.background{ background-color: rgb(227,  
180, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor