

Converting Colors

YUV(188.2590, 10.7183,
15.5589)

Have a look what the booklet for
YUV(188.2590, 10.7183, 15.5589)
contains.

YUV(188.2590, 10.7183, 15.5589)	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(188.2590, 10.7183,
15.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAFD2
RGB	206, 175, 210
RGB Percent	81%, 69%, 82%
CMY	0.1922, 0.3137, 0.1765
CMYK	0.02, 0.17, 0.00, 0.18
HSL	293°, 28%, 75%
HSV	293°, 17%, 82%
XYZ	52.4164, 48.4349, 67.5590
YIQ	188.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

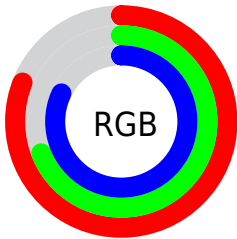
Format	Color
R _Y B	206, 175, 210
Decimal	13545426
CIE Lab	75.10, 17.36, -13.52
CIE LCh	75, 22.004, 322.097
Yxy	48.4349, 0.3112, 0.2876
Android (android.graphics.Color)	4291735506 (0xFFCEAFD2)
YUV	188.2590, 10.7183, 15.5589
Hunter-Lab	69.5952, 12.6478, -8.8387

Details

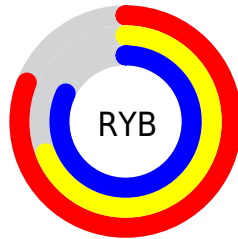
The YUV color $188.2590, 10.7183, 15.5589$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $196.7410, -10.7183, -15.5589$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.9454, 12.3552$, and $134.4330, 10.1395, 14.5293$ is the 20% darker color. If you saturate the color by 10%, you get $175.3340, 17.0903, 25.1401$, and if you desaturate by 10%, it is $201.1840, 4.3463, 5.9776$.

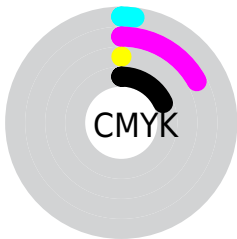
Distribution



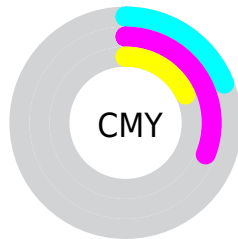
- Red (81%)
- Green (69%)
- Blue (82%)



- Red (81%)
- Yellow (69%)
- Blue (82%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2590, 10.7183, 15.5589 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 188.2590, 10.7183, 15.5589 by changing the saturation by 10% instead.

■ 188.2590, 10.7183,
15.5589

■ 188.2590, 10.7183,
15.5589

255.0000, 0.0000,
0.0000

■ 160.8460, 10.4289,
15.0441

■ 240.9120, 6.9454,
12.3552

■ 134.4330, 10.1395,
14.5293

■ 109.0200, 9.8501,
14.0145

■ 84.6070, 9.5607,
13.4997

■ 61.7810, 8.9820,
12.4701

■ 39.3680, 8.6926,
11.9553

■ 17.1940, 9.2714,

12.9849

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 188.2590, 10.7183,
15.5589

■ 188.2590, 10.7183,
15.5589

■ 175.3340, 17.0903,
25.1401

■ 201.1840, 4.3463,
5.9776

■ 162.1100, 23.6098,
34.1065

■ 214.4080, -2.1731,
-2.9888

■ 149.1850, 29.9818,
43.6878

■ 227.3330, -8.5452,
-12.5700

■ 135.9610, 36.5012,
52.6542

■ 238.2090,
-13.9070, -19.4773

123.0360, 42.8733,
62.2354

238.8070,
-14.2019, -18.2477

110.1110, 49.2453,
71.8167

239.4050,
-14.4967, -17.0182

96.8870, 55.7647,
80.7831

240.3020,
-14.9389, -15.1739

83.9620, 62.1367,
90.3643

240.9000,
-15.2337, -13.9443

79.5540, 64.3099,
93.3531

241.7970,
-15.6759, -12.1000

Harmonies

Analogous

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



186.2610, 17.6193, -4.6139



188.2590, 10.7183, 15.5589



188.5290, 1.2182, 29.3541

Triad

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



188.2590, 10.7183, 15.5589



184.9580, -19.6993, 18.4538



176.3090, 11.1867, -41.4900

Complementary

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



188.2590, 10.7183, 15.5589



196.7410, -10.7183, -15.5589

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.



177.6170, 0.6818, -32.1131



188.2590, 10.7183, 15.5589



182.1300, -17.3191, 1.6400

Square

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



188.2590, 10.7183, 15.5589



186.3600, -15.9535, 30.3793



179.6700, -9.6973, -16.3736



178.5680, 18.4540, -39.0861

Rectangle

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



188.2590, 10.7183, 15.5589



188.4280, -5.6340, 33.8276



179.6700, -9.6973, -16.3736



176.8100, 7.9817, -40.1754

Sweetspot

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



188.2590, 10.7183, 15.5589



247.0700, 3.9095, 6.0776



181.3380, 14.1304, -5.5584



123.0050, 2.4625, 3.5036



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.



188.2590, 10.7183, 15.5589



223.2690, 15.6434, 22.5661



187.9730, 4.4503, 19.3177



97.9450, 3.4781, 4.4332



63.7030, 51.4184, 74.8055



15.4380, 12.6021, 18.0329

Inverse Universe

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



185.9210, -3.4121, 21.1173



219.9330, -4.8970, 30.7538



197.0270, -4.4503, -19.3177



97.4030, -1.1847, 6.6626



52.3980, -16.4652, 101.3830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 188.2590, 10.7183, 15.5589 looks on a white background.

Color Contrast Check

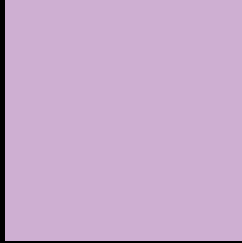
Large Text (above 18pt) WCAG AA × Fail

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 188.2590, 10.7183, 15.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

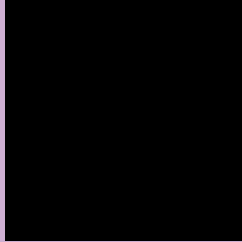
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2590, 10.7183, 15.5589

Background



This preview shows how black text looks on a background with the YUV color 188.2590, 10.7183, 15.5589.



This preview shows how white text looks on a background with the YUV color 188.2590, 10.7183,

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

188.2590, 10.7183, 15.5589

Protanopia

186.1530, 14.7146, -6.2732

Deuteranopia

186.8940, 10.8983, 4.4780



Tritanopia

187.0710, 2.4300, 13.9697

Trichromacy



Original Color

188.2590, 10.7183, 15.5589

Protanomaly

187.1540, 13.2351, 1.6189

Deuteranomaly

187.2150, 10.7400, 8.5814

Tritanomaly

187.5810, 5.6296, 14.3995

Monochromacy



Original Color

188.2590, 10.7183, 15.5589

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2590, 10.7183, 15.5589 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(206, 175, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 210)  
}
```

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(206, 175, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 210) }
```

Border

The CSS property to change the border of an element to YUV 188.2590, 10.7183, 15.5589 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(206, 175, 210) }
```


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

```
.border{ border-color:rgb(206, 175, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 175, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 188.2590, 10.7183, 15.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 210) }
```

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

```
.background{ background-color: rgb(206,  
175, 210) }
```

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