

Converting Colors

YUV(213.3060, 16.1181,
10.2556)

Have a look what the booklet for
YUV(213.3060, 16.1181, 10.2556)
contains.

YUV(213.3060, 16.1181, 10.2556)	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(213.3060, 16.1181,
10.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C9F6
RGB	225, 201, 246
RGB Percent	88%, 79%, 96%
CMY	0.1176, 0.2118, 0.0353
CMYK	0.09, 0.18, 0.00, 0.04
HSL	272°, 71%, 88%
HSV	272°, 18%, 96%
XYZ	68.5725, 64.4347, 96.0117
YIQ	213.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

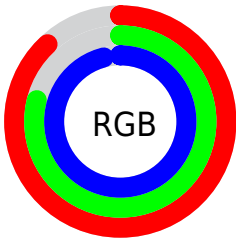
Format	Color
R _Y B	225, 201, 246
Decimal	14797302
CIE Lab	84.19, 16.58, -19.04
CIE LCh	84, 25.251, 311.050
Yxy	64.4347, 0.2994, 0.2814
Android (android.graphics.Color)	4292987382 (0xFFE1C9F6)
YUV	213.3060, 16.1181, 10.2556
Hunter-Lab	80.2712, 12.0109, -14.7265

Details

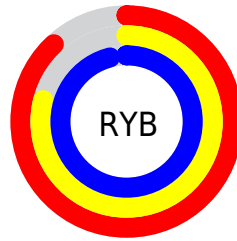
The YUV color $213.3060, 16.1181, 10.2556$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.6940, -16.1181, -10.2556$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.4800, 15.5394, 9.2260$ is the 20% darker color. If you saturate the color by 10%, you get $195.3420, 24.9744, 16.3631$, and if you desaturate by 10%, it is $231.2700, 7.2619, 4.1482$.

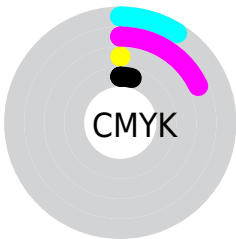
Distribution



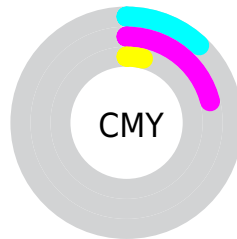
- Red (88%)
- Green (79%)
- Blue (96%)



- Red (88%)
- Yellow (79%)
- Blue (96%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3060, 16.1181, 10.2556 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 213.3060, 16.1181, 10.2556 by changing the saturation by 10% instead.

■ 213.3060, 16.1181,
10.2556

■ 213.3060, 16.1181,
10.2556

255.0000, 0.0000,
0.0000

■ 185.7790, 15.3920,
9.8408

■ 158.4800, 15.5394,
9.2260

■ 132.3660, 15.1026,
9.3260

■ 106.8390, 14.3764,
8.9112

■ 82.4260, 14.0870,
8.3964

■ 59.4860, 13.0714,
7.4668

■ 37.0730, 12.7820,

6.9520

■ 15.0840, 12.7766,
8.6963

■ 2.7530, 8.0098,
-2.4144

■ 213.3060, 16.1181,
10.2556

■ 213.3060, 16.1181,
10.2556

■ 195.3420, 24.9744,
16.3631

■ 231.2700, 7.2619,
4.1482

■ 177.6660, 33.6887,
21.3409

■ 248.9460, -1.4524,
-0.8296

■ 159.7020, 42.5449,
27.4483

■ 253.9740, -3.9312,
0.8998

■ 142.0260, 51.2592,
32.4262

■ 124.0620, 60.1154,
38.5336

■ 105.7990, 69.1191,
44.0263

■ 88.4220, 77.6860,
49.6189

■ 70.1590, 86.6896,
55.1116

■ 67.2130, 88.1420,
55.9412

Harmonies

Analogous

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



209.7590, 22.3038, -13.8206



213.3060, 16.1181, 10.2556



214.3810, 5.7282, 29.4839

Triad

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



213.3060, 16.1181, 10.2556



210.4430, -21.9104, 27.6755



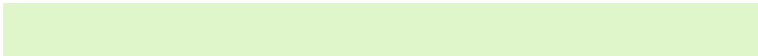
200.2930, 8.7296, -46.7380

Complementary

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



213.3060, 16.1181, 10.2556



233.6940, -16.1181, -10.2556

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.



202.0640, -3.9756, -31.6281



213.3060, 16.1181, 10.2556



207.9200, -22.1456, 9.7172

Square

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



213.3060, 16.1181, 10.2556



211.8170, -15.6858, 37.8715



205.2100, -15.3865, -11.5852



201.0290, 19.2127, -49.1374

Rectangle

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



213.3060, 16.1181, 10.2556



213.4760, -1.7137, 36.4165



205.2100, -15.3865, -11.5852



200.8760, 4.4981, -42.8643

Sweetspot

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



213.3060, 16.1181, 10.2556



245.5750, 4.6465, 3.0037



218.4570, 13.5787, -15.3098



122.1080, 2.9048, 1.6593



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.



213.3060, 16.1181, 10.2556



214.3540, 20.0385, 12.8445



219.4710, 12.5858, 23.2659



113.4610, 4.2097, 3.1037



50.8050, 66.6511, 42.2670



15.9950, 21.2015, 13.1594

Inverse Universe

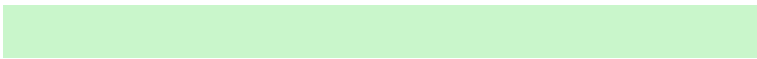
The Inverse Universe completely reimagines the original color for something new.



216.8490, 2.5394, 25.5654



218.7080, 3.1020, 31.8281



227.6430, -12.1490, -23.3659



114.2720, 0.8519, 6.7775



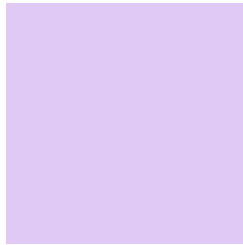
65.5320, 10.5837, 105.6504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 213.3060, 16.1181, 10.2556 looks on a white background.

Color Contrast Check

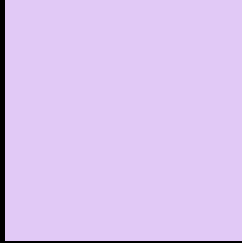
Large Text (above 18pt) WCAG AA × Fail

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 213.3060, 16.1181, 10.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

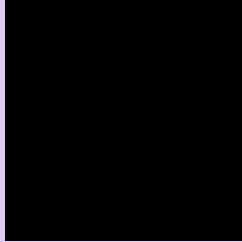
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.3060, 16.1181, 10.2556

Background



This preview shows how black text looks on a background with the YUV color 213.3060, 16.1181, 10.2556.



This preview shows how white text looks on a background with the YUV color 213.3060, 16.1181, 10.2556.

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

213.3060, 16.1181, 10.2556

Protanopia

210.8090, 19.8142, -8.6025

Deuteranopia

212.2510, 16.1453, 1.5339



Tritanopia

211.6080, 4.6303, 8.2368

Trichromacy



Original Color

213.3060, 16.1181, 10.2556

Protanomaly

211.5110, 18.4821, -1.3251

Deuteranomaly

212.8600, 15.8450, 4.5078

Tritanomaly

212.3460, 8.7034, 8.4666

Monochromacy



Original Color

213.3060, 16.1181, 10.2556

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3060, 16.1181, 10.2556 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, 201, 246)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 246)  
}
```

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, 201, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 246) }
```

Border

The CSS property to change the border of an element to YUV 213.3060, 16.1181, 10.2556 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, 201, 246) }
```


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

```
.border{ border-color:rgb(225, 201, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 213.3060, 16.1181, 10.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 246) }
```

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

```
.background{ background-color: rgb(225,  
201, 246) }
```

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