

Converting Colors

YUV(216.3930, 14.1033, 3.1633)

Have a look what the booklet for
YUV(216.3930, 14.1033, 3.1633)
contains.

YUV(216.3930, 14.1033, 3.1633)	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(216.3930, 14.1033,
3.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD1F5
RGB	220, 209, 245
RGB Percent	86%, 82%, 96%
CMY	0.1373, 0.1804, 0.0392
CMYK	0.10, 0.15, 0.00, 0.04
HSL	258°, 64%, 89%
HSV	258°, 15%, 96%
XYZ	68.7971, 67.4091, 95.7715
YIQ	216.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

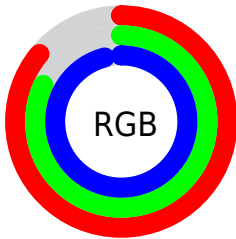
Format	Color
R _{YB}	220, 209, 245
Decimal	14471669
CIE _{Lab}	85.71, 10.53, -16.26
CIE _{LCh}	86, 19.373, 302.911
Yxy	67.4091, 0.2966, 0.2906
Android (android.graphics.Color)	4292661749 (0xFFDCD1F5)
YUV	216.3930, 14.1033, 3.1633
Hunter-Lab	82.1031, 5.8911, -11.6884

Details

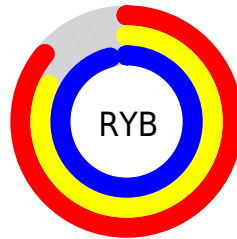
The YUV color $216.3930, 14.1033, 3.1633$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $237.6070, -14.1033, -3.1633$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.8660, 13.3771, 2.7485$ is the 20% darker color. If you saturate the color by 10%, you get $197.2220, 23.5546, 5.0673$, and if you desaturate by 10%, it is $236.1510, 4.3626, 0.7446$.

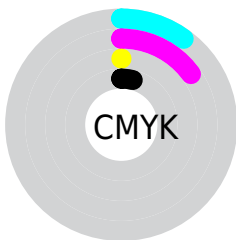
Distribution



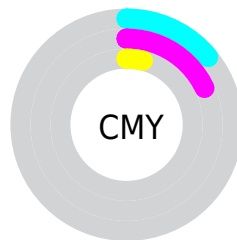
- Red (86%)
- Green (82%)
- Blue (96%)



- Red (86%)
- Yellow (82%)
- Blue (96%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3930, 14.1033, 3.1633 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 216.3930, 14.1033, 3.1633 by changing the saturation by 10% instead.

■ 216.3930, 14.1033,
3.1633

■ 216.3930, 14.1033,
3.1633

255.0000, 0.0000,
0.0000

■ 188.3930, 14.1033,
3.1633

■ 161.8660, 13.3771,
2.7485

■ 135.4530, 13.0877,
2.2337

■ 110.2250, 12.2141,
2.4337

■ 85.2250, 12.2141,
2.4337

■ 62.3990, 11.6353,
1.4041

■ 40.1710, 10.7617,

1.6040

■ 19.0570, 10.3249,
1.7040

■ 2.7530, 8.0098,
-2.4144

■ 216.3930, 14.1033,
3.1633

■ 216.3930, 14.1033,
3.1633

■ 197.2220, 23.5546,
5.0673

■ 236.1510, 4.3626,
0.7446

■ 177.4640, 33.2952,
7.4861

■ 253.5610, -4.2206,
0.3850

■ 158.2930, 42.7466,
9.3900

■ 253.8600, -4.3680,
0.9998

■ 138.5350, 52.4872,
11.8088

■ 119.3640, 61.9385,
13.7128

■ 99.6060, 71.6792,
16.1315

■ 80.4350, 81.1305,
18.0355

■ 60.6770, 90.8712,
20.4543

■ 50.3550, 95.9600,
21.6137

Harmonies

Analogous

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



213.4230, 18.5255, -15.2800



216.3930, 14.1033, 3.1633



217.8420, 6.4869, 19.4326

Triad

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



216.3930, 14.1033, 3.1633



215.5010, -16.5160, 24.1166



207.7140, 3.5920, -32.1982

Complementary

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



216.3930, 14.1033, 3.1633



237.6070, -14.1033, -3.1633

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.



208.9730, -5.9027, -20.1473



216.3930, 14.1033, 3.1633



213.7830, -17.6410, 11.5913

Square

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



216.3930, 14.1033, 3.1633



216.7390, -10.7173, 30.9239



211.3080, -13.9558, -3.7781



207.6840, 12.4808, -36.5569

Rectangle

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



216.3930, 14.1033, 3.1633



217.9910, 0.4974, 27.1949



211.3080, -13.9558, -3.7781



208.2260, 0.3816, -29.1392

Sweetspot

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



216.3930, 14.1033, 3.1633



247.0370, 3.9258, 0.8446



227.7790, 8.4900, -16.4692



122.3960, 2.7628, 0.5297



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.



216.3930, 14.1033, 3.1633



218.4300, 18.0290, 4.0079



221.7750, 11.4499, 14.2293



112.5640, 4.6519, 1.2594



38.2470, 72.8422, 16.4464



12.1080, 23.1178, 5.1673

Inverse Universe

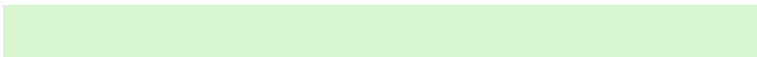
The Inverse Universe completely reimagines the original color for something new.



222.6140, 5.6133, 19.6325



226.4020, 7.1968, 25.0804



232.2250, -11.4499, -14.2293



114.6140, 2.1623, 6.4775



70.3200, 28.9292, 101.4514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 216.3930, 14.1033, 3.1633 looks on a white background.

Color Contrast Check

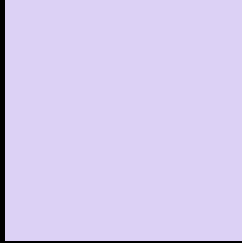
Large Text (above 18pt) WCAG AA × Fail

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 216.3930, 14.1033, 3.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

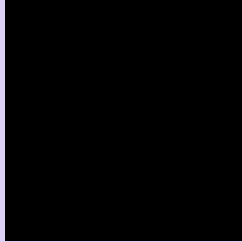
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.3930, 14.1033, 3.1633

Background



This preview shows how black text looks on a background with the YUV color 216.3930, 14.1033, 3.1633.



This preview shows how white text looks on a background with the YUV color 216.3930, 14.1033,

3.1633.

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

216.3930, 14.1033, 3.1633

Protanopia

215.3810, 15.5882, -6.4731

Deuteranopia

216.3930, 14.1033, 3.1633



Tritanopia

215.4330, 6.6885, 1.3743

Trichromacy



Original Color

216.3930, 14.1033, 3.1633

Protanomaly

215.8760, 14.8511, -3.3993

Deuteranomaly

216.3930, 14.1033, 3.1633

Tritanomaly

215.8290, 9.4513, 1.9040

Monochromacy



Original Color

216.3930, 14.1033, 3.1633

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3930, 14.1033, 3.1633 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(220, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 245)  
}
```

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(220, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 245) }
```

Border

The CSS property to change the border of an element to YUV 216.3930, 14.1033, 3.1633 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(220, 209, 245) }
```


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

```
.border{ border-color:rgb(220, 209, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 216.3930, 14.1033, 3.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 245) }
```

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

```
.background{ background-color: rgb(220,  
209, 245) }
```

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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