

Converting Colors

YUV(220.0220, 16.7512,
-6.1583)

Have a look what the booklet for
YUV(220.0220, 16.7512, -6.1583)
contains.

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Color

**YUV(220.0220, 16.7512,
-6.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9FE
RGB	213, 217, 254
RGB Percent	84%, 85%, 100%
CMY	0.1647, 0.1490, 0.0039
CMYK	0.16, 0.15, 0.00, 0.00
HSL	234°, 95%, 92%
HSV	234°, 16%, 100%
XYZ	70.1428, 70.9276, 103.7594
YIQ	220.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

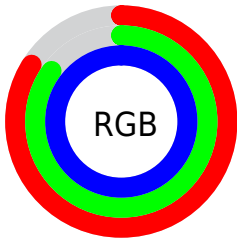
Format	Color
R _Y B	213, 217, 254
Decimal	14014974
CIE Lab	87.45, 5.94, -18.45
CIE LCh	87, 19.382, 287.834
Yxy	70.9276, 0.2865, 0.2897
Android (android.graphics.Color)	4292205054 (0xFFD5D9FE)
YUV	220.0220, 16.7512, -6.1583
Hunter-Lab	84.2185, 1.2843, -14.0938

Details

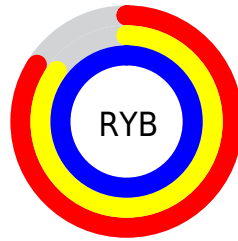
The YUV color $220.0220, 16.7512, -6.1583$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $246.9780, -16.7512, 6.1583$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.7940, 15.8776, -5.9583$ is the 20% darker color. If you saturate the color by 10%, you get $199.0460, 27.0923, -9.6873$, and if you desaturate by 10%, it is $240.9980, 6.4100, -2.6292$.

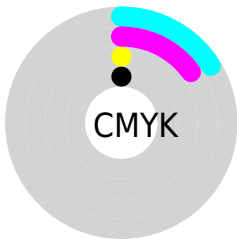
Distribution



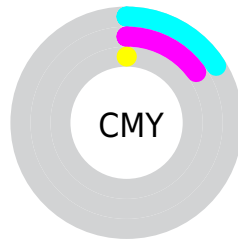
- Red (84%)
- Green (85%)
- Blue (100%)



- Red (84%)
- Yellow (85%)
- Blue (100%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.0220, 16.7512, -6.1583 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 220.0220, 16.7512, -6.1583 by changing the saturation by 10% instead.

■ 220.0220, 16.7512,
-6.1583

■ 220.0220, 16.7512,
-6.1583

255.0000, 0.0000,
0.0000

■ 191.9080, 16.3144,
-6.0583

■ 164.7940, 15.8776,
-5.9583

■ 138.6800, 15.4408,
-5.8584

■ 113.1530, 14.7146,
-6.2732

■ 88.1530, 14.7146,
-6.2732

■ 64.9250, 13.8410,
-6.0732

■ 42.3980, 13.1148,

-6.4880

■ 21.2730, 12.6834,
-8.1324

■ 3.5510, 11.0674,
-3.1142

■ 220.0220, 16.7512,
-6.1583

■ 220.0220, 16.7512,
-6.1583

■ 199.0460, 27.0923,
-9.6873

■ 240.9980, 6.4100,
-2.6292

■ 177.7710, 37.5809,
-13.8312

254.8860, -0.4368,
0.1000

■ 156.7950, 47.9221,
-17.3602

■ 135.5200, 58.4106,
-21.5040

■ 114.5440, 68.7518,
-25.0331

■ 93.5680, 79.0930,
-28.5621

■ 72.8800, 89.2922,
-33.2208

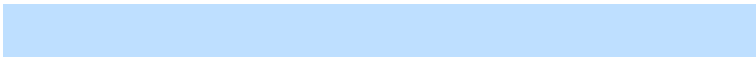
■ 51.9040, 99.6333,
-36.7498

■ 43.6310, 103.7119,
-38.2644

Harmonies

Analogous

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



216.7810, 18.8420, -23.4869



220.0220, 16.7512, -6.1583



222.2370, 10.7292, 12.0702

Triad

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



220.0220, 16.7512, -6.1583



221.2180, -13.9115, 28.7498



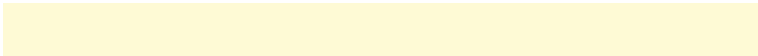
212.8950, -0.9342, -27.0949

Complementary

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



220.0220, 16.7512, -6.1583



246.9780, -16.7512, 6.1583

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.



214.8770, -10.2924, -12.1701



220.0220, 16.7512, -6.1583



219.2400, -17.3733, 19.0835

Square

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



220.0220, 16.7512, -6.1583



221.5800, -6.2019, 29.3093



217.0810, -16.3089, 4.3140



212.3590, 8.6970, -36.2718

Rectangle

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



220.0220, 16.7512, -6.1583



222.8100, 5.0237, 22.0916



217.0810, -16.3089, 4.3140



214.0050, -4.4395, -22.8064

Sweetspot

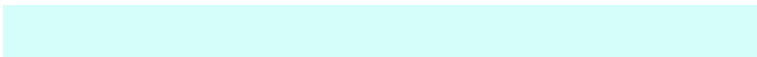
The Sweet Spot groups the original color and five complimentary colors.



220.0220, 16.7512, -6.1583



244.0690, 5.3890, -1.8145



241.2850, 4.2965, -24.8059



121.4990, 3.2050, -1.3146



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.



220.0220, 16.7512, -6.1583



214.8200, 19.8087, -6.8581



222.4580, 15.5502, 5.7373



117.0690, 5.3890, -1.8145



32.9270, 77.9300, -28.8770



10.8180, 26.2187, -9.4874

Inverse Universe

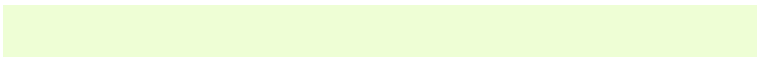
The Inverse Universe completely reimagines the original color for something new.



225.7150, -4.2965, 24.8059



221.8080, -5.3283, 29.1094



244.5420, -15.5502, -5.7373



119.0010, -1.4795, 7.8921



59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 220.0220, 16.7512, -6.1583 looks on a white background.

Color Contrast Check

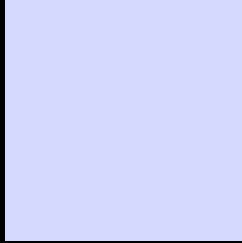
Large Text (above 18pt) WCAG AA × Fail

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 220.0220, 16.7512, -6.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

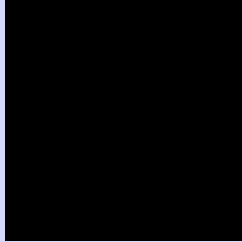
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.0220, 16.7512, -6.1583

Background



This preview shows how black text looks on a background with the YUV color 220.0220, 16.7512, -6.1583.



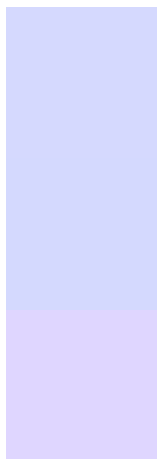
This preview shows how white text looks on a background with the YUV color 220.0220, 16.7512, -6.1583.

-6.1583.

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

220.0220, 16.7512, -6.1583

Protanopia

219.7230, 16.8986, -6.7731

Deuteranopia

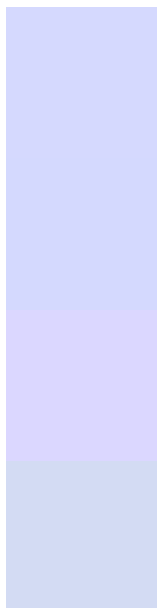
221.3650, 16.5821, 1.4339



Tritanopia

218.9480, 8.8996, -7.8474

Trichromacy



Original Color

220.0220, 16.7512, -6.1583

Protanomaly

219.7230, 16.8986, -6.7731

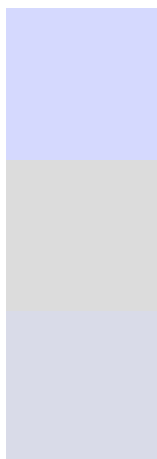
Deuteranomaly

220.7560, 16.8823, -1.5400

Tritanomaly

219.3440, 11.6624, -7.3177

Monochromacy



Original Color

220.0220, 16.7512, -6.1583

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.0220, 16.7512, -6.1583 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(213, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 254)  
}
```

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(213, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 254) }
```

Border

The CSS property to change the border of an element to YUV 220.0220, 16.7512, -6.1583 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(213, 217, 254) }
```


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

```
.border{ border-color:rgb(213, 217, 254) }
```

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

Here you see how a box with a 4 pixel rgb(213, 217, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 220.0220, 16.7512, -6.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 254) }
```

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

```
.background{ background-color: rgb(213,  
217, 254) }
```

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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