

Converting Colors

YUV(217.1460, 18.6620,
-12.4060)

Have a look what the booklet for
YUV(217.1460, 18.6620, -12.4060)
contains.

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Color

**YUV(217.1460, 18.6620,
-12.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBD9FF</code>
RGB	<code>203, 217, 255</code>
RGB Percent	<code>80%, 85%, 100%</code>
CMY	<code>0.2039, 0.1490, 0.0000</code>
CMYK	<code>0.20, 0.15, 0.00, 0.00</code>
HSL	<code>224°, 100%, 90%</code>
HSV	<code>224°, 20%, 100%</code>
XYZ	<code>67.4915, 69.5422, 104.4736</code>
YIQ	<code>217.1460, -20.5420, 8.8500</code>

Conversions

Conversions Part 2

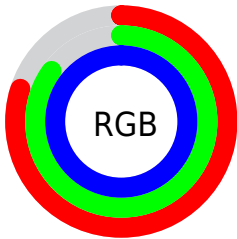
Format	Color
R _Y B	203, 214, 255
Decimal	13359615
CIE Lab	86.77, 3.09, -20.07
CIE LCh	87, 20.307, 278.758
Yxy	69.5422, 0.2795, 0.2880
Android (android.graphics.Color)	4291549695 (0xFFCBD9FF)
YUV	217.1460, 18.6620, -12.4060
Hunter-Lab	83.3920, -1.4709, -15.9042

Details

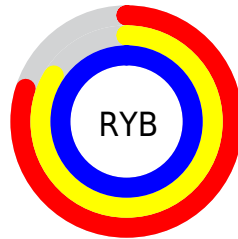
The YUV color $217.1460, 18.6620, -12.4060$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $240.8540, -18.6620, 12.4060$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9180, 17.7884, -12.2061$ is the 20% darker color. If you saturate the color by 10%, you get $198.5180, 27.8456, -17.9943$, and if you desaturate by 10%, it is $235.7740, 9.4784, -6.8178$.

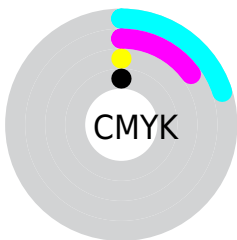
Distribution



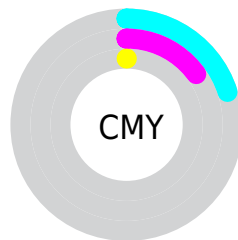
- Red (80%)
- Green (85%)
- Blue (100%)



- Red (80%)
- Yellow (84%)
- Blue (100%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1460, 18.6620, -12.4060 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 217.1460, 18.6620, -12.4060 by changing the saturation by 10% instead.

■ 217.1460, 18.6620,
-12.4060

■ 217.1460, 18.6620,
-12.4060

255.0000, 0.0000,
0.0000

■ 189.0320, 18.2252,
-12.3061

■ 161.9180, 17.7884,
-12.2061

■ 135.8040, 17.3516,
-12.1061

■ 110.2770, 16.6254,
-12.5209

■ 85.5760, 16.4780,
-11.9062

■ 62.0490, 15.7518,
-12.3210

■ 39.8100, 14.8837,

-13.8654

■ 17.6850, 14.4523,
-15.5097

■ 3.6650, 11.5042,
-3.2142

■ 217.1460, 18.6620,
-12.4060

■ 217.1460, 18.6620,
-12.4060

■ 198.5180, 27.8456,
-17.9943

■ 235.7740, 9.4784,
-6.8178

■ 180.1780, 36.8872,
-24.7121

■ 254.1140, 0.4368,
-0.1000

■ 161.2510, 46.2183,
-30.9151

■ 255.0000, 0.0000,
0.0000

■ 142.6230, 55.4019,
-36.5034

■ 124.2830, 64.4435,
-43.2212

■ 105.6550, 73.6271,
-48.8094

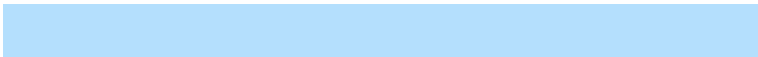
■ 87.3150, 82.6687,
-55.5273

■ 69.5730, 91.4155,
-61.0155

Harmonies

Analogous

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



213.5630, 19.4424, -29.4348



217.1460, 18.6620, -12.4060



220.1870, 13.2188, 6.8520

Triad

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



217.1460, 18.6620, -12.4060



219.2830, -12.4645, 31.3238



211.4070, -4.1447, -24.0359

Complementary

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



217.1460, 18.6620, -12.4060



240.8540, -18.6620, 12.4060

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.



213.5140, -13.0714, -7.4668



217.1460, 18.6620, -12.4060



217.8600, -17.6790, 23.8018

Square

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



217.1460, 18.6620, -12.4060



220.1610, -4.0234, 30.5538



216.2450, -18.3618, 9.4321



210.2620, 5.7868, -36.1868

Rectangle

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



217.1460, 18.6620, -12.4060



220.9990, 8.3815, 18.4179



216.2450, -18.3618, 9.4321



211.9300, -7.3605, -19.2326

Sweetspot

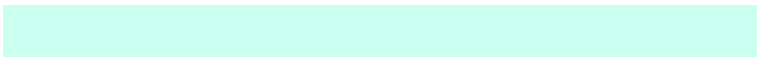
The Sweet Spot groups the original color and five complimentary colors.



217.1460, 18.6620, -12.4060



244.0580, 5.3944, -3.5589



237.7420, 1.1132, -30.4687



121.2000, 3.3524, -1.9294



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.



217.1460, 18.6620, -12.4060



210.3460, 22.0144, -14.3354



212.2170, 21.0920, 1.5637



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Inverse Universe

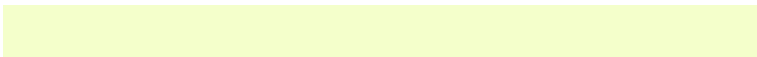
The Inverse Universe completely reimagines the original color for something new.



220.1440, -1.5500, 30.5687



214.0630, -2.0031, 35.9017



245.7830, -21.0920, -1.5637



119.2290, -0.6059, 7.6922



62.9230, -5.8780, 112.3235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 217.1460, 18.6620, -12.4060 looks on a white background.

Color Contrast Check

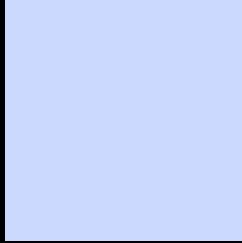
Large Text (above 18pt) WCAG AA × Fail

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 217.1460, 18.6620, -12.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

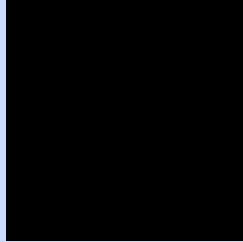
Any Text WCAG AA ✓ Pass

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 217.1460, 18.6620, -12.4060 Background



This preview shows how black text looks on a background with the YUV color 217.1460, 18.6620, -12.4060.



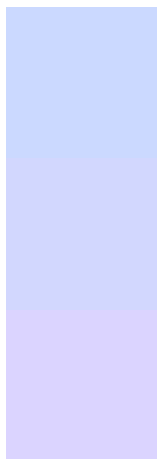
This preview shows how white text looks on a background with the YUV color 217.1460, 18.6620, -12.4060.

-12.4060.

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

217.1460, 18.6620, -12.4060

Protanopia

217.9510, 17.7722, -6.9730

Deuteranopia

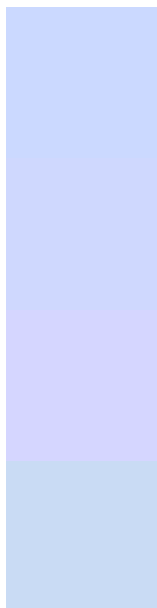
218.9950, 17.7505, 0.0044



Tritanopia

215.9580, 10.3737, -13.9952

Trichromacy



Original Color

217.1460, 18.6620, -12.4060

Protanomaly

217.6410, 17.9250, -9.3322

Deuteranomaly

218.3750, 18.0561, -4.7139

Tritanomaly

216.4680, 13.5733, -13.5654

Monochromacy



Original Color

217.1460, 18.6620, -12.4060

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1460, 18.6620, -12.4060 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(203, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 255)  
}
```

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(203, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 255) }
```

Border

The CSS property to change the border of an element to YUV 217.1460, 18.6620, -12.4060 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(203, 217, 255) }
```


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

```
.border{ border-color:rgb(203, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 217.1460, 18.6620, -12.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 255) }
```

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

```
.background{ background-color: rgb(203,  
217, 255) }
```

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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