

Converting Colors

YUV(206.5080, 22.9206,
-25.0015)

Have a look what the booklet for
YUV(206.5080, 22.9206, -25.0015)
contains.

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Color

**YUV(206.5080, 22.9206,
-25.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D4FD
RGB	178, 212, 253
RGB Percent	70%, 83%, 99%
CMY	0.3020, 0.1686, 0.0078
CMYK	0.30, 0.16, 0.00, 0.01
HSL	213°, 95%, 85%
HSV	213°, 30%, 99%
XYZ	59.6332, 63.6438, 102.0700
YIQ	206.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

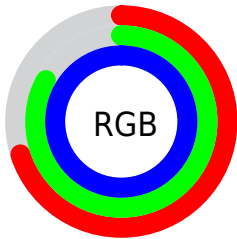
Format	Color
R _Y B	178, 201, 253
Decimal	11719933
CIE Lab	83.78, -2.04, -23.70
CIE LCh	84, 23.792, 265.072
Yxy	63.6438, 0.2646, 0.2824
Android (android.graphics.Color)	4289910013 (0xFFB2D4FD)
YUV	206.5080, 22.9206, -25.0015
Hunter-Lab	79.7771, -6.1814, -20.0141

Details

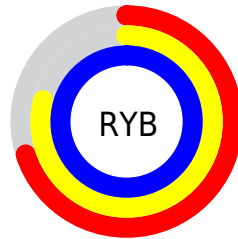
The YUV color $206.5080, 22.9206, -25.0015$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $224.4920, -22.9206, 25.0015$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $151.8670, 21.7576, -25.3164$ is the 20% darker color. If you saturate the color by 10%, you get $190.8150, 30.6572, -33.1638$, and if you desaturate by 10%, it is $222.2010, 15.1839, -16.8393$.

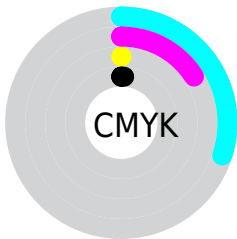
Distribution



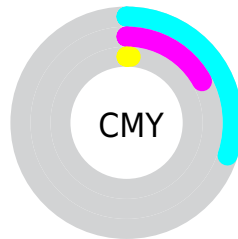
- Red (70%)
- Green (83%)
- Blue (99%)



- Red (70%)
- Yellow (79%)
- Blue (99%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (30%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5080, 22.9206, -25.0015 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 206.5080, 22.9206, -25.0015 by changing the saturation by 10% instead.

■ 206.5080, 22.9206,
-25.0015

■ 206.5080, 22.9206,
-25.0015

255.0000, 0.0000,
0.0000

■ 178.3940, 22.4838,
-24.9015

■ 249.0200, 2.9481,
-12.2955

■ 151.8670, 21.7576,
-25.3164

■ 125.1660, 21.6102,
-24.7016

■ 99.6390, 20.8840,
-25.1164

■ 74.9270, 20.7420,
-26.2460

■ 49.3070, 21.0476,
-30.9642

■ 30.0580, 18.7054,

-26.3609

■ 15.2230, 15.1731,
-13.3506

■ 3.4370, 10.6306,
-3.0142

■ 206.5080, 22.9206,
-25.0015

■ 206.5080, 22.9206,
-25.0015

■ 190.8150, 30.6572,
-33.1638

■ 222.2010, 15.1839,
-16.8393

■ 174.8230, 38.5413,
-41.9408

■ 238.1930, 7.2999,
-8.0623

■ 159.7170, 45.9885,
-50.6178

■ 253.2990, -0.1474,
0.6148

■ 144.0240, 53.7252,
-58.7800

■ 254.7720, -0.8736,
0.2000

■ 128.0320, 61.6092,
-67.5571

■ 112.3390, 69.3459,
-75.7193

■ 96.6460, 77.0825,
-83.8815

■ 96.3470, 77.2299,
-84.4963

Harmonies

Analogous

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



201.9420, 21.2276, -42.0451



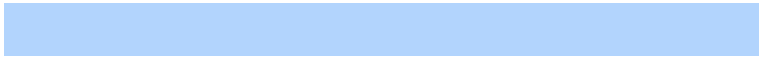
206.5080, 22.9206, -25.0015



210.3260, 19.0663, -2.0399

Triad

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



206.5080, 22.9206, -25.0015



211.8970, -10.3022, 37.8013



203.2350, -9.9759, -20.3771

Complementary

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



206.5080, 22.9206, -25.0015



224.4920, -22.9206, 25.0015

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.



205.7770, -18.6241, 0.1956



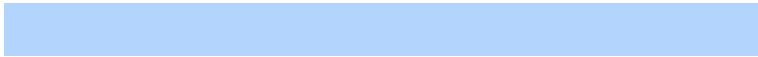
206.5080, 22.9206, -25.0015



210.3880, -18.4323, 32.1087

Square

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



206.5080, 22.9206, -25.0015



212.6220, 0.1864, 33.6575



208.5020, -21.4465, 18.8537



200.8120, 1.5717, -37.5461

Rectangle

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



206.5080, 22.9206, -25.0015



212.1600, 14.2181, 13.0147



208.5020, -21.4465, 18.8537



204.0680, -13.3445, -13.2146

Sweetspot

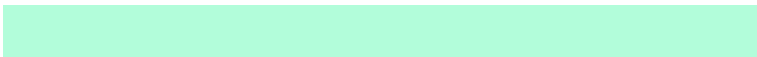
The Sweet Spot groups the original color and five complimentary colors.



206.5080, 22.9206, -25.0015



240.4920, 7.1524, -7.4475



226.5850, -4.2324, -42.6090



118.8190, 4.5262, -5.1033



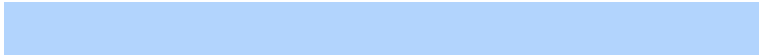
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.5080, 22.9206, -25.0015



198.1420, 28.0310, -30.8195



187.1480, 32.4650, -6.2688



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



204.3010, 3.7956, 42.7090



195.2960, 4.7841, 52.3604



243.8520, -32.4650, 6.2688



119.5710, 0.7045, 7.3922



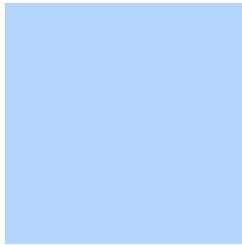
67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 206.5080, 22.9206, -25.0015 looks on a white background.

Color Contrast Check

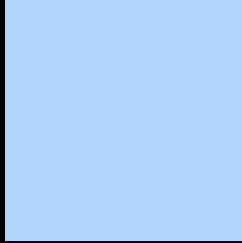
Large Text (above 18pt) WCAG AA × Fail

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 206.5080, 22.9206, -25.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

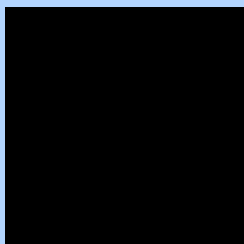
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

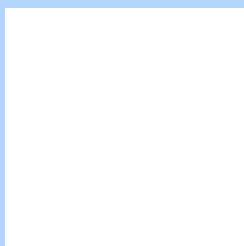
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.5080, 22.9206, -25.0015

Background



This preview shows how black text looks on a background with the YUV color 206.5080, 22.9206, -25.0015.



This preview shows how white text looks on a background with the YUV color 206.5080, 22.9206, -25.0015.

-25.0015.

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

206.5080, 22.9206, -25.0015

Protanopia

209.3960, 19.5248, -9.1173

Deuteranopia

210.1130, 22.1293, -4.4841



Tritanopia

204.7930, 13.9061, -27.0055

Trichromacy



Original Color

206.5080, 22.9206, -25.0015

Protanomaly

208.2920, 20.5620, -15.1651

Deuteranomaly

208.7700, 22.2984, -12.0763

Tritanomaly

205.3030, 17.1056, -26.5757

Monochromacy



Original Color

206.5080, 22.9206, -25.0015

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5080, 22.9206, -25.0015 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(178, 212, 253)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 253)  
}
```

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(178, 212, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 253) }
```

Border

The CSS property to change the border of an element to YUV 206.5080, 22.9206, -25.0015 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(178, 212, 253) }
```


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

```
.border{ border-color:rgb(178, 212, 253) }
```

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

Here you see how a box with a 4 pixel rgb(178, 212, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 253);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 206.5080, 22.9206, -25.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 253) }
```

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

```
.background{ background-color: rgb(178,  
212, 253) }
```

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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