

Converting Colors

YUV(220.6020, 16.9582,
-25.9610)

Have a look what the booklet for
YUV(220.6020, 16.9582, -25.9610)
contains.

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Color

**YUV(220.6020, 16.9582,
-25.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	BF E5 FF
RGB	191, 229, 255
RGB Percent	75%, 90%, 100%
CMY	0.2510, 0.1020, 0.0000
CMYK	0.25, 0.10, 0.00, 0.00
HSL	204°, 100%, 87%
HSV	204°, 25%, 100%
XYZ	67.5552, 74.3350, 105.3953
YIQ	220.6020, -30.9940, 0.0300

Conversions

Conversions Part 2

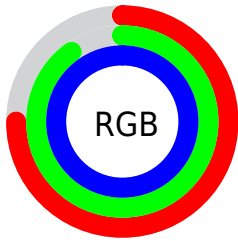
Format	Color
R_{YB}	191, 215, 255
Decimal	12576255
CIE _{Lab}	89.08, -6.72, -16.67
CIE _{LCh}	89, 17.971, 248.044
Yxy	74.3350, 0.2732, 0.3006
Android (android.graphics.Color)	4290766335 (0xFFBFE5FF)
YUV	220.6020, 16.9582, -25.9610
Hunter-Lab	86.2177, -11.0189, -12.1256

Details

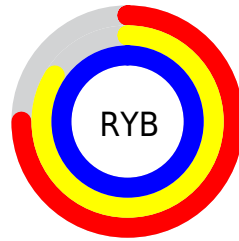
The YUV color **220.6020, 16.9582, -25.9610** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **225.3980, -16.9582, 25.9610**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, 1.0318, -4.3034**, and **165.3740, 16.0846, -25.7610** is the 20% darker color. If you saturate the color by 10%, you get **207.2570, 23.5373, -36.1824**, and if you desaturate by 10%, it is **234.2460, 10.2317, -15.1247**.

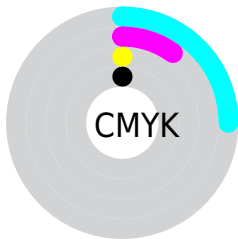
Distribution



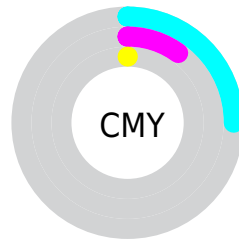
- Red (75%)
- Green (90%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.6020, 16.9582, -25.9610 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 220.6020, 16.9582, -25.9610 by changing the saturation by 10% instead.

■ 220.6020, 16.9582,
-25.9610

■ 220.6020, 16.9582,
-25.9610

255.0000, 0.0000,
0.0000

■ 192.4880, 16.5214,
-25.8610

■ 252.9070, 1.0318,
-4.3034

■ 165.3740, 16.0846,
-25.7610

■ 138.6730, 15.9372,
-25.1462

■ 112.5590, 15.5004,
-25.0462

■ 87.5590, 15.5004,
-25.0462

■ 63.4340, 15.0690,
-26.6906

■ 37.9280, 15.8115,

-31.5089

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 220.6020, 16.9582,
-25.9610

■ 220.6020, 16.9582,
-25.9610

■ 207.2570, 23.5373,
-36.1824

■ 234.2460, 10.2317,
-15.1247

■ 193.0260, 30.5532,
-46.5038

■ 248.1780, 3.3632,
-5.4181

■ 179.6810, 37.1323,
-56.7252

255.0000, 0.0000,
0.0000

■ 166.0370, 43.8588,
-67.5614

■ 152.1050, 50.7272,
-77.2681

■ 138.4610, 57.4537,
-88.1043

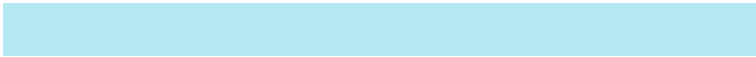
■ 124.5290, 64.3222,
-97.8109

■ 117.7070, 67.6854,
-103.2290

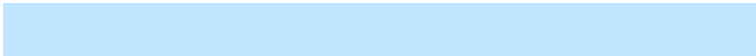
Harmonies

Analogous

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



218.4070, 12.6173, -33.6829



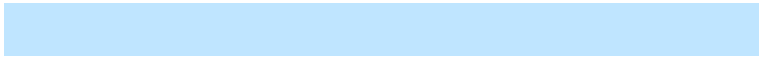
220.6020, 16.9582, -25.9610



223.6470, 15.4570, -11.0914

Triad

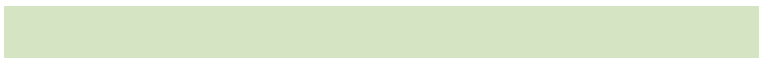
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.6020, 16.9582, -25.9610



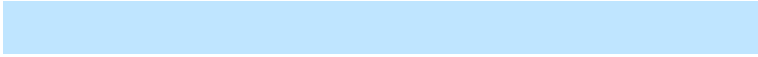
225.7690, -2.8441, 25.6356



220.4540, -12.0558, -6.5372

Complementary

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



220.6020, 16.9582, -25.9610



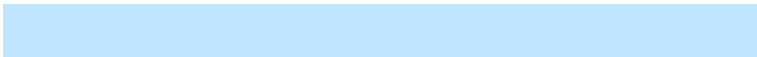
225.3980, -16.9582, 25.9610

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.



222.8150, -16.1778, 8.9322



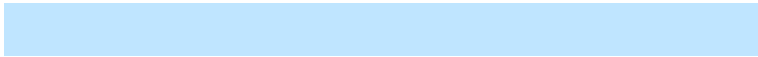
220.6020, 16.9582, -25.9610



225.0050, -10.8485, 26.3056

Square

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



220.6020, 16.9582, -25.9610



226.7990, 5.0291, 20.3473



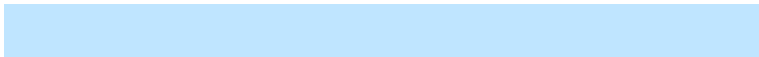
224.3050, -15.9264, 21.6575



219.0160, -4.4449, -21.0620

Rectangle

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



220.6020, 16.9582, -25.9610



225.6700, 13.9667, 0.2894



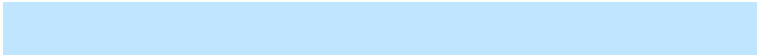
224.3050, -15.9264, 21.6575



221.6180, -14.1087, -1.4190

Sweetspot

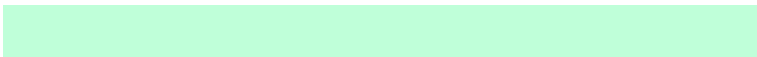
The Sweet Spot groups the original color and five complimentary colors.



220.6020, 16.9582, -25.9610



244.3240, 5.2633, -8.1771



231.5320, -7.1643, -35.5466



120.5910, 3.6526, -4.9033



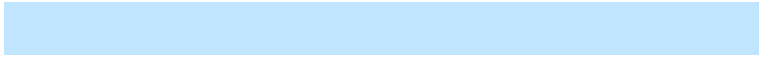
0.0000, 0.0000, 0.0000



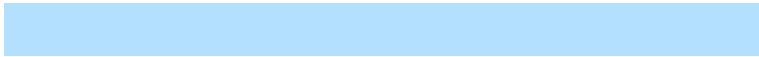
128.0000, 0.0000, 0.0000

Same Dimension

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



220.6020, 16.9582, -25.9610



214.0790, 20.1741, -30.7643



201.8180, 26.2187, -9.4874



120.5910, 3.6526, -4.9033



88.6920, 50.4378, -77.7829



29.6020, 16.9582, -25.9610

Inverse Universe

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



214.4680, 7.1643, 35.5466



206.8540, 8.4530, 42.2240



244.1820, -26.2187, 9.4874



119.6850, 1.1413, 7.2923



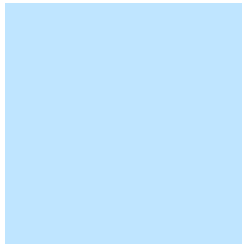
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 220.6020, 16.9582, -25.9610 looks on a white background.

Color Contrast Check

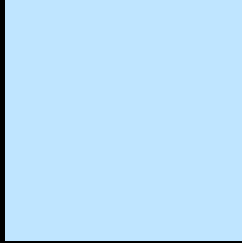
Large Text (above 18pt) WCAG AA × Fail

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 220.6020, 16.9582, -25.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

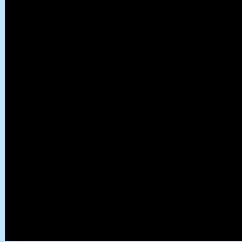
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

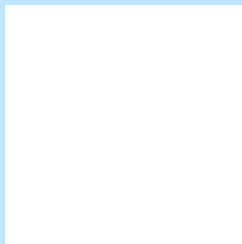
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.6020, 16.9582, -25.9610

Background



This preview shows how black text looks on a background with the YUV color 220.6020, 16.9582, -25.9610.



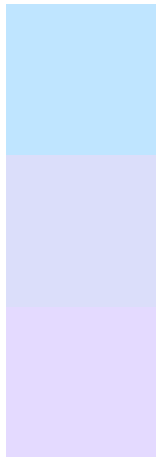
This preview shows how white text looks on a background with the YUV color 220.6020, 16.9582, -25.9610.

-25.9610.

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

220.6020, 16.9582, -25.9610

Protanopia

224.2950, 12.6726, -4.6437

Deuteranopia

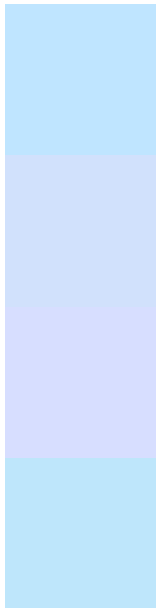
225.2080, 14.6875, 2.4486



Tritanopia

220.0920, 13.7586, -26.3907

Trichromacy



Original Color

220.6020, 16.9582, -25.9610

Protanomaly

223.2940, 14.1521, -12.5358

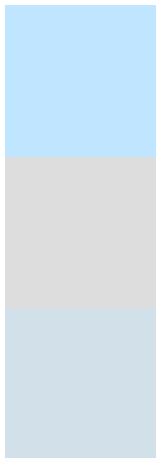
Deuteranomaly

223.6690, 15.4462, -7.6027

Tritanomaly

220.4340, 15.0690, -26.6906

Monochromacy



Original Color

220.6020, 16.9582, -25.9610

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8400, 5.9949, -9.5067

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.6020, 16.9582, -25.9610 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(191, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 229, 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(191, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 229, 255) }
```

Border

The CSS property to change the border of an element to YUV 220.6020, 16.9582, -25.9610 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(191, 229, 255) }
```


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

```
.border{ border-color:rgb(191, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 229,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 220.6020, 16.9582, -25.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 229, 255) }
```

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

```
.background{ background-color: rgb(191,  
229, 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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