

Converting Colors

YUV(230.6690, 11.9952,
-20.7577)

Have a look what the booklet for
YUV(230.6690, 11.9952, -20.7577)
contains.

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Color

**YUV(230.6690, 11.9952,
-20.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEFFF
RGB	207, 238, 255
RGB Percent	81%, 93%, 100%
CMY	0.1882, 0.0667, 0.0000
CMYK	0.19, 0.07, 0.00, 0.00
HSL	201°, 100%, 91%
HSV	201°, 19%, 100%
XYZ	74.3567, 81.6345, 106.4458
YIQ	230.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

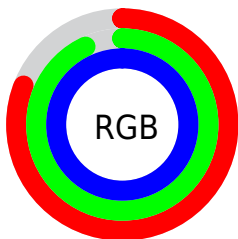
Format	Color
R _Y B	207, 226, 255
Decimal	13627135
CIE Lab	92.41, -6.59, -11.58
CIE LCh	92, 13.319, 240.366
Yxy	81.6345, 0.2833, 0.3111
Android (android.graphics.Color)	4291817215 (0xFFCFEFFF)
YUV	230.6690, 11.9952, -20.7577
Hunter-Lab	90.3518, -11.2158, -6.6048

Details

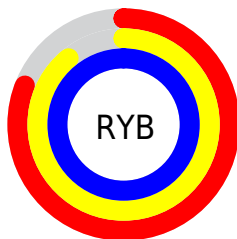
The YUV color `230.6690, 11.9952, -20.7577` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `231.3310, -11.9952, 20.7577`, and the grayscale version is `231.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `174.8540, 11.4110, -20.0430` is the 20% darker color. If you saturate the color by 10%, you get `217.6120, 18.4323, -32.1087`, and if you desaturate by 10%, it is `243.7260, 5.5581, -9.4067`.

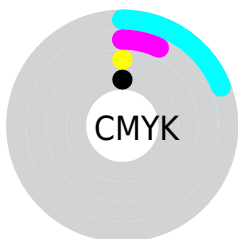
Distribution



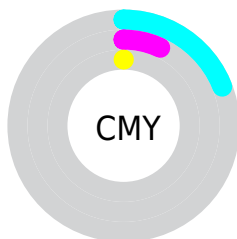
- Red (81%)
- Green (93%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.6690, 11.9952, -20.7577 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 230.6690, 11.9952, -20.7577 by changing the saturation by 10% instead.

■ 230.6690, 11.9952,
-20.7577

■ 230.6690, 11.9952,
-20.7577

255.0000, 0.0000,
0.0000

■ 202.5550, 11.5584,
-20.6577

■ 174.8540, 11.4110,
-20.0430

■ 148.1530, 11.2636,
-19.4282

■ 122.0390, 10.8268,
-19.3282

■ 97.0390, 10.8268,
-19.3282

■ 72.9250, 10.3900,
-19.2282

■ 49.5120, 10.1006,

-19.7430

■ 27.2020, 10.2534,
-22.1022

■ 11.2960, 7.7421,
-9.9066

■ 230.6690, 11.9952,
-20.7577

■ 230.6690, 11.9952,
-20.7577

■ 217.6120, 18.4323,
-32.1087

■ 243.7260, 5.5581,
-9.4067

■ 204.8540, 24.7220,
-42.8450

255.0000, 0.0000,
0.0000

■ 192.0960, 31.0117,
-53.5812

■ 179.0390, 37.4488,
-64.9322

■ 166.2810, 43.7385,
-75.6684

■ 153.2240, 50.1756,
-87.0194

■ 140.1670, 56.6127,
-98.3705

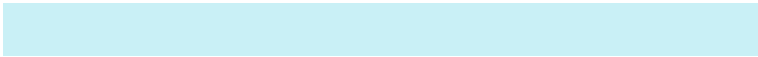
■ 127.4090, 62.9024,
-109.1067

■ 125.9250, 63.6340,
-110.4362

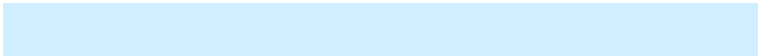
Harmonies

Analogous

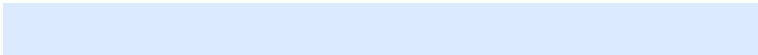
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0230, 8.3697, -24.5762



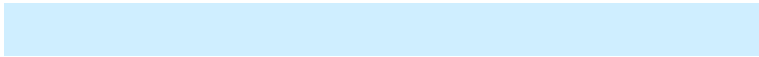
230.6690, 11.9952, -20.7577



232.2080, 11.2365, -10.7064

Triad

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



230.6690, 11.9952, -20.7577



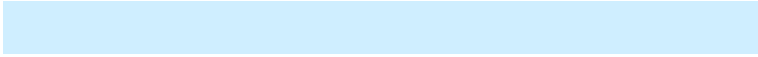
234.8820, -0.9278, 17.6435



231.0570, -9.8881, -1.8040

Complementary

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



230.6690, 11.9952, -20.7577



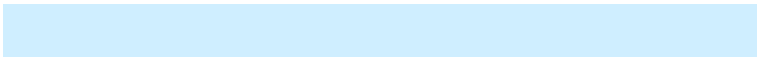
231.3310, -11.9952, 20.7577

Split Complementary

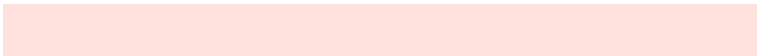
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.8520, -12.2520, 9.7768



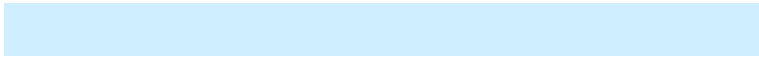
230.6690, 11.9952, -20.7577



233.5140, -6.1694, 18.8432

Square

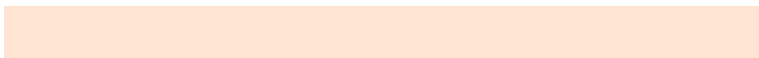
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



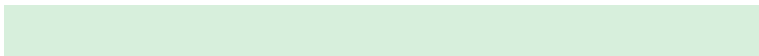
230.6690, 11.9952, -20.7577



235.4560, 5.1982, 12.7551



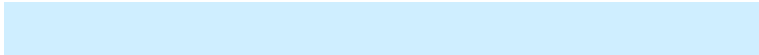
234.1350, -11.4056, 18.2986



229.6580, -4.7614, -12.8551

Rectangle

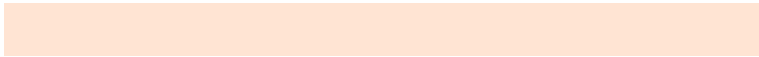
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.6690, 11.9952, -20.7577



233.7360, 10.4832, -2.3995



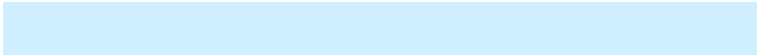
234.1350, -11.4056, 18.2986



231.7370, -11.2093, 1.9847

Sweetspot

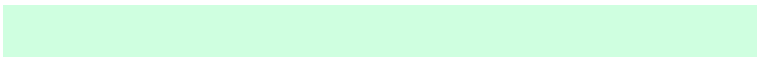
The Sweet Spot groups the original color and five complimentary colors.



230.6690, 11.9952, -20.7577



247.5800, 3.6581, -6.6477



237.1140, -6.4652, -26.4100



122.9610, 2.4842, -3.4738



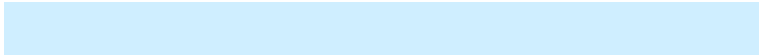
0.0000, 0.0000, 0.0000



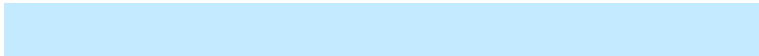
128.0000, 0.0000, 0.0000

Same Dimension

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



230.6690, 11.9952, -20.7577



225.0320, 14.7742, -25.4611



216.5810, 18.9406, -8.4025



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



224.8860, 6.4652, 26.4100



217.9730, 7.9013, 32.4727



245.4190, -18.9406, 8.4025



119.7990, 1.5781, 7.1923



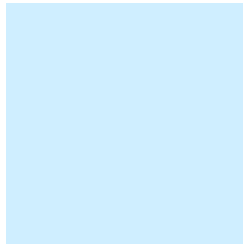
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 230.6690, 11.9952, -20.7577 looks on a white background.

Color Contrast Check

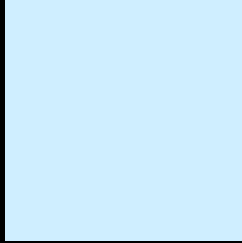
Large Text (above 18pt) WCAG AA × Fail

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 230.6690, 11.9952, -20.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

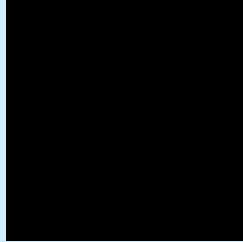
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

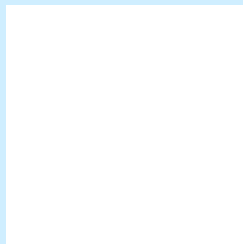
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.6690, 11.9952, -20.7577

Background



This preview shows how black text looks on a background with the YUV color 230.6690, 11.9952, -20.7577.



This preview shows how white text looks on a background with the YUV color 230.6690, 11.9952, -20.7577.

-20.7577.

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

230.6690, 11.9952, -20.7577

Protanopia

233.5790, 8.5886, -1.3848

Deuteranopia

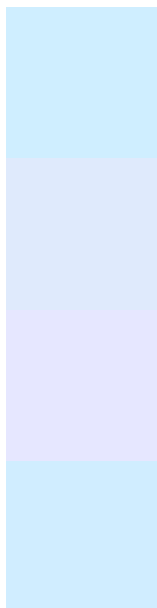
234.9760, 9.8718, 7.0370



Tritanopia

230.6800, 11.9898, -19.0134

Trichromacy



Original Color

230.6690, 11.9952, -20.7577

Protanomaly

232.7630, 9.4838, -8.5622

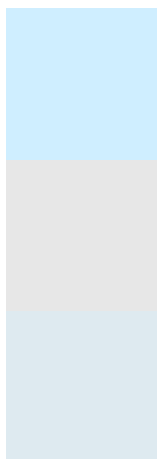
Deuteranomaly

233.4370, 10.6306, -3.0142

Tritanomaly

230.3810, 12.1372, -19.6281

Monochromacy



Original Color

230.6690, 11.9952, -20.7577

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.6690, 11.9952, -20.7577 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(207, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 238, 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(207, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 230.6690, 11.9952, -20.7577 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(207, 238, 255) }
```


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

```
.border{ border-color:rgb(207, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 230.6690, 11.9952, -20.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 238, 255) }
```

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

```
.background{ background-color: rgb(207,  
238, 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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