

Converting Colors

YUV(228.9350, 11.8640,
-25.3760)

Have a look what the booklet for
YUV(228.9350, 11.8640, -25.3760)
contains.

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Color

**YUV(228.9350, 11.8640,
-25.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EFFD
RGB	200, 239, 253
RGB Percent	78%, 94%, 99%
CMY	0.2157, 0.0627, 0.0078
CMYK	0.21, 0.06, 0.00, 0.01
HSL	196°, 93%, 89%
HSV	196°, 21%, 99%
XYZ	72.4155, 81.1042, 104.7665
YIQ	228.9350, -27.7380, -3.9140

Conversions

Conversions Part 2

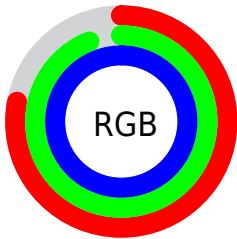
Format	Color
R _Y B	200, 222, 253
Decimal	13168637
CIE Lab	92.18, -9.62, -10.93
CIE LCh	92, 14.560, 228.667
Yxy	81.1042, 0.2804, 0.3140
Android (android.graphics.Color)	4291358717 (0xFFC8E9FD)
YUV	228.9350, 11.8640, -25.3760
Hunter-Lab	90.0579, -14.0694, -5.9330

Details

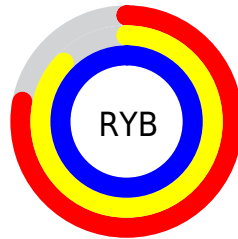
The YUV color **228.9350, 11.8640, -25.3760** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **224.0650, -11.8640, 25.3760**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **173.1200, 11.2798, -24.6612** is the 20% darker color. If you saturate the color by 10%, you get **217.3510, 17.5750, -37.1418**, and if you desaturate by 10%, it is **240.5190, 6.1531, -13.6102**.

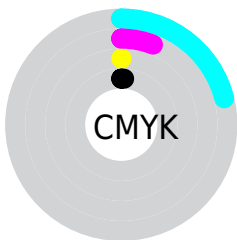
Distribution



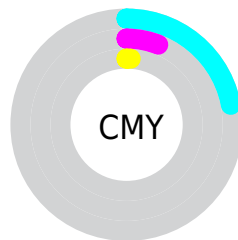
- Red (78%)
- Green (94%)
- Blue (99%)



- Red (78%)
- Yellow (87%)
- Blue (99%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.9350, 11.8640, -25.3760 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 228.9350, 11.8640, -25.3760 by changing the saturation by 10% instead.

■ 228.9350, 11.8640,
-25.3760

■ 228.9350, 11.8640,
-25.3760

255.0000, 0.0000,
0.0000

■ 200.8210, 11.4272,
-25.2760

■ 173.1200, 11.2798,
-24.6612

■ 146.4190, 11.1324,
-24.0465

■ 120.4190, 11.1324,
-24.0465

■ 95.3050, 10.6956,
-23.9465

■ 71.1910, 10.2588,
-23.8465

■ 47.2940, 10.7011,

-25.6908

■ 26.4900, 10.1114,
-23.2317

■ 11.7690, 7.0159,
-10.3214

■ 228.9350, 11.8640,
-25.3760

■ 228.9350, 11.8640,
-25.3760

■ 217.3510, 17.5750,
-37.1418

■ 240.5190, 6.1531,
-13.6102

■ 206.0550, 23.1439,
-50.0372

■ 251.8150, 0.5842,
-0.7148

■ 194.4710, 28.8548,
-61.8031

■ 254.7720, -0.8736,
0.2000

■ 182.8870, 34.5657,
-73.5689

■ 171.8900, 39.9872,
-85.8495

■ 160.0070, 45.8455,
-98.2301

■ 148.4230, 51.5565,
-109.9960

■ 138.0240, 56.6832,
-121.0470

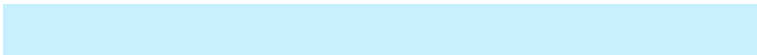
Harmonies

Analogous

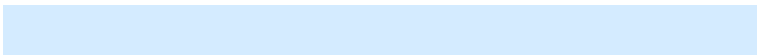
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1430, 6.3385, -26.4354



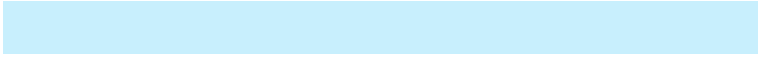
228.9350, 11.8640, -25.3760



230.4030, 12.1263, -16.1394

Triad

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



228.9350, 11.8640, -25.3760



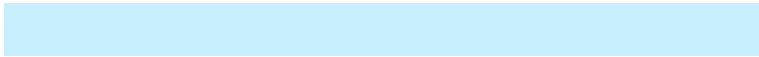
234.8650, 1.5456, 17.6584



231.1070, -12.3778, 3.4142

Complementary

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



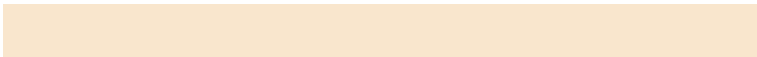
228.9350, 11.8640, -25.3760



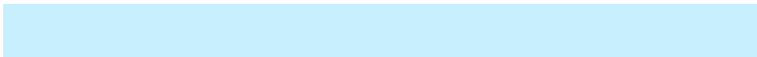
224.0650, -11.8640, 25.3760

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.



232.8310, -13.7207, 14.1802



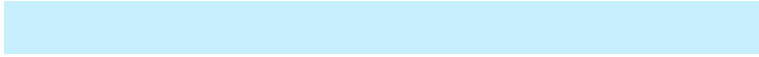
228.9350, 11.8640, -25.3760



232.6820, -4.2802, 19.5729

Square

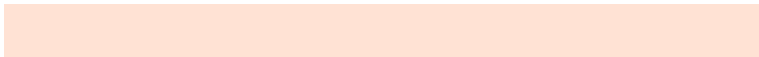
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.9350, 11.8640, -25.3760



234.8300, 7.9718, 9.7961



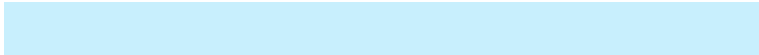
233.0750, -10.3900, 19.2282



229.2840, -7.5350, -9.8961

Rectangle

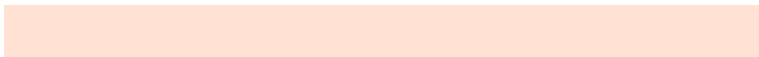
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



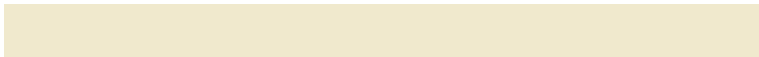
228.9350, 11.8640, -25.3760



231.9310, 11.3730, -7.8325



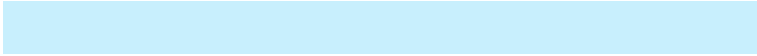
233.0750, -10.3900, 19.2282



231.9010, -13.2622, 7.1028

Sweetspot

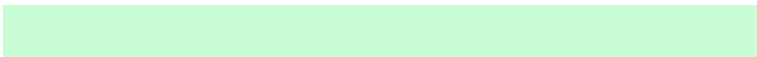
The Sweet Spot groups the original color and five complimentary colors.



228.9350, 11.8640, -25.3760



248.1670, 3.3687, -7.1625



232.5930, -9.6593, -28.5841



123.5480, 2.1948, -3.9886



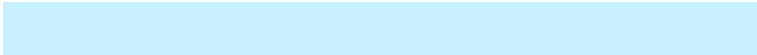
0.0000, 0.0000, 0.0000



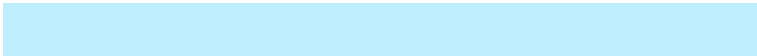
128.0000, 0.0000, 0.0000

Same Dimension

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



228.9350, 11.8640, -25.3760



225.8850, 14.3537, -30.5941



213.6730, 19.3882, -11.9912



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



220.2930, 9.2226, 28.6840



215.4940, 11.0955, 34.6468



239.3270, -19.3882, 11.9912



119.9130, 2.0149, 7.0923



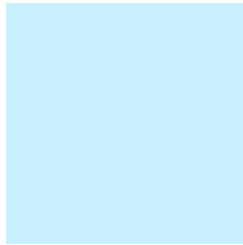
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 228.9350, 11.8640, -25.3760 looks on a white background.

Color Contrast Check

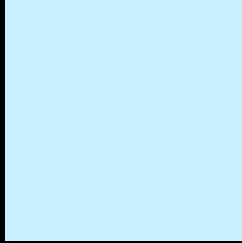
Large Text (above 18pt) WCAG AA × Fail

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 228.9350, 11.8640, -25.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

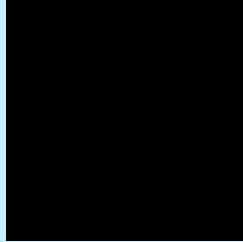
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.9350, 11.8640, -25.3760

Background



This preview shows how black text looks on a background with the YUV color 228.9350, 11.8640, -25.3760.



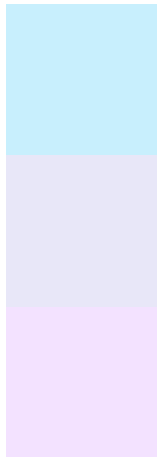
This preview shows how white text looks on a background with the YUV color 228.9350, 11.8640, -25.3760.

-25.3760.

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

228.9350, 11.8640, -25.3760

Protanopia

233.2370, 7.2782, -1.0848

Deuteranopia

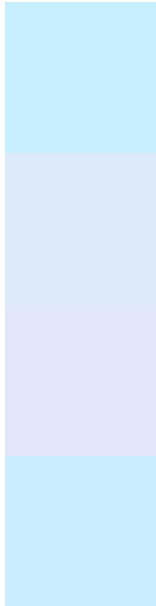
234.3890, 10.1612, 7.5518



Tritanopia

229.7720, 12.4374, -22.6020

Trichromacy



Original Color

228.9350, 11.8640, -25.3760

Protanomaly

231.6380, 9.0525, -10.2065

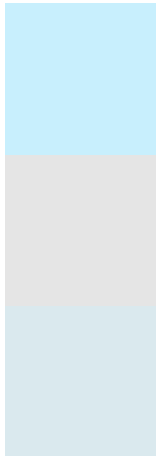
Deuteranomaly

232.4260, 10.6360, -4.7586

Tritanomaly

229.3590, 12.1480, -23.1168

Monochromacy



Original Color

228.9350, 11.8640, -25.3760

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9350, 11.8640, -25.3760 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(200, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(200, 239, 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(200, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 239, 253) }
```

Border

The CSS property to change the border of an element to YUV 228.9350, 11.8640, -25.3760 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(200, 239, 253) }
```


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

```
.border{ border-color:rgb(200, 239, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(200, 239,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 228.9350, 11.8640, -25.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 239, 253) }
```

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

```
.background{ background-color: rgb(200,  
239, 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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