

Converting Colors

YUV(218.3030, 13.6546,
-39.7307)

Have a look what the booklet for
YUV(218.3030, 13.6546, -39.7307)
contains.

YUV(218.3030, 13.6546, -39.7307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(218.3030, 13.6546,
-39.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	ADECF6
RGB	173, 236, 246
RGB Percent	68%, 93%, 96%
CMY	0.3216, 0.0745, 0.0353
CMYK	0.30, 0.04, 0.00, 0.04
HSL	188°, 80%, 82%
HSV	188°, 30%, 96%
XYZ	63.8636, 75.5290, 98.4014
YIQ	218.3030, -40.7580, -10.2460

Conversions

Conversions Part 2

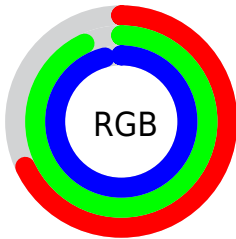
Format	Color
RYB	173, 207, 246
Decimal	11398390
CIELab	89.64, -17.41, -11.23
CIELCh	90, 20.717, 212.812
Yxy	75.5290, 0.2686, 0.3176
Android (android.graphics.Color)	4289588470 (0xFFADEC F6)
YUV	218.3030, 13.6546, -39.7307
Hunter-Lab	86.9074, -20.9179, -6.2962

Details

The YUV color **218.3030, 13.6546, -39.7307** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.6970, -13.6546, 39.7307**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, 3.6852, -15.3694**, and **162.6020, 13.5072, -39.1160** is the 20% darker color. If you saturate the color by 10%, you get **209.0670, 18.2080, -53.5558**, and if you desaturate by 10%, it is **227.5390, 9.1013, -25.9057**.

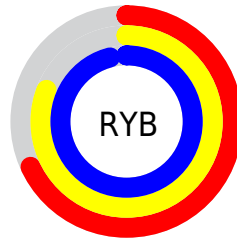
Distribution



Red (68%)

Green (93%)

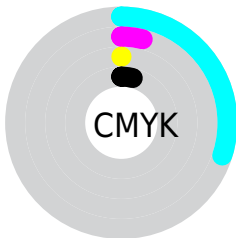
Blue (96%)



Red (68%)

Yellow (81%)

Blue (96%)

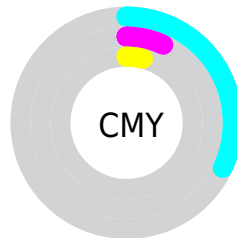


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3030, 13.6546, -39.7307 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 218.3030, 13.6546, -39.7307 by changing the saturation by 10% instead.

■ 218.3030, 13.6546,
-39.7307

■ 218.3030, 13.6546,
-39.7307

255.0000, 0.0000,
0.0000

■ 190.3030, 13.6546,
-39.7307

■ 247.5250, 3.6852,
-15.3694

■ 162.6020, 13.5072,
-39.1160

■ 135.6020, 13.5072,
-39.1160

■ 109.4880, 13.0704,
-39.0160

■ 83.2920, 13.6600,
-41.4751

■ 55.7040, 15.4289,
-48.8524

■ 39.4670, 11.6018,

-34.6126

■ 24.0450, 8.3588,
-21.0875

■ 3.0950, 9.3202,
-2.7143

■ 218.3030, 13.6546,
-39.7307

■ 218.3030, 13.6546,
-39.7307

■ 209.0670, 18.2080,
-53.5558

■ 227.5390, 9.1013,
-25.9057

■ 199.5430, 22.9033,
-66.2512

■ 237.0630, 4.4059,
-13.2103

■ 190.3070, 27.4566,
-80.0762

■ 246.2990, -0.1474,
0.6148

■ 181.3700, 31.8626,
-93.2865

■ 250.4520, -2.1948,
3.9886

■ 171.5470, 36.7053,
-106.5967

■ 252.8000, -3.3524,
1.9294

■ 162.3110, 41.2587,
-120.4217

■ 253.9740, -3.9312,
0.8998

■ 152.7870, 45.9540,
-133.1172

■ 152.4880, 46.1014,
-133.7320

Harmonies

Analogous

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



218.2190, 4.3290, -35.2721



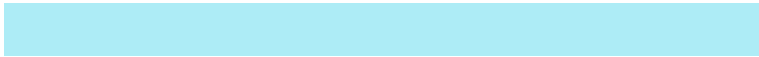
218.3030, 13.6546, -39.7307



219.9710, 17.2693, -32.4236

Triad

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



218.3030, 13.6546, -39.7307



229.0810, 7.3551, 20.9770



224.7400, -19.0988, 12.5060

Complementary

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



218.3030, 13.6546, -39.7307



200.6970, -13.6546, 39.7307

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.



225.9850, -17.2476, 25.4462



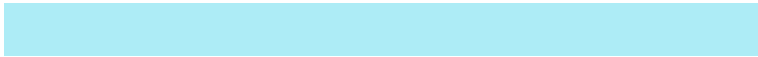
218.3030, 13.6546, -39.7307



226.2250, -1.0969, 25.2357

Square

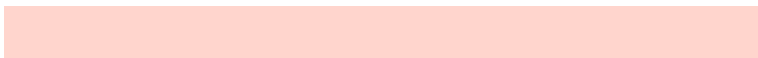
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.3030, 13.6546, -39.7307



227.2790, 13.6665, 3.2633



224.6460, -9.6855, 26.6205



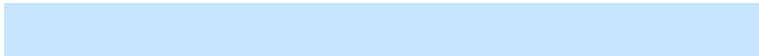
222.3680, -14.9714, -4.7077

Rectangle

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



218.3030, 13.6546, -39.7307



222.3960, 16.0738, -22.2723



224.6460, -9.6855, 26.6205



225.0720, -19.2625, 18.3539

Sweetspot

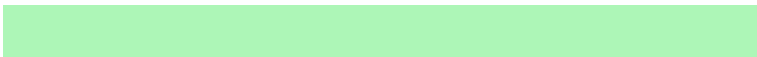
The Sweet Spot groups the original color and five complimentary colors.



218.3030, 13.6546, -39.7307



246.3620, 4.2585, -12.5955



216.9910, -16.7576, -38.5801



122.3410, 2.7899, -8.1921



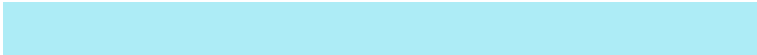
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



218.3030, 13.6546, -39.7307



219.8610, 17.3235, -49.8671



197.1710, 24.0727, -21.1980



117.8250, 2.0583, -6.8625



115.7110, 34.6525, -101.4785



36.6630, 11.0121, -32.1535

Inverse Universe

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



202.0090, 16.7576, 38.5801



199.5140, 20.9456, 48.6612



221.8290, -24.0727, 21.1980



114.8420, 3.0359, 6.2776



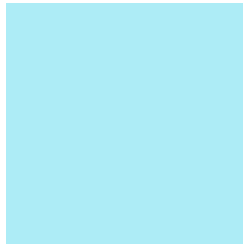
73.9680, 42.9068, 98.2521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 218.3030, 13.6546, -39.7307 looks on a white background.

Color Contrast Check

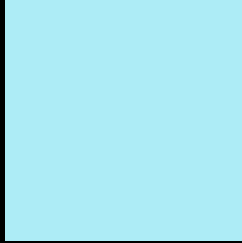
Large Text (above 18pt) WCAG AA × Fail

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 218.3030, 13.6546, -39.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

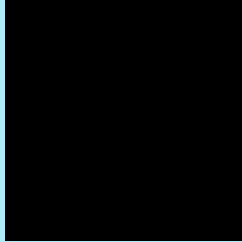
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.3030, 13.6546, -39.7307

Background



This preview shows how black text looks on a background with the YUV color 218.3030, 13.6546, -39.7307.

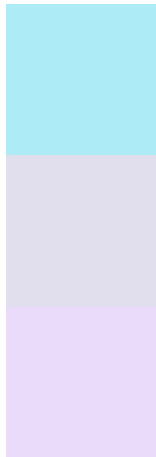


This preview shows how white text looks on a background with the YUV color 218.3030, 13.6546, -39.7307.

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

218.3030, 13.6546, -39.7307

Protanopia

225.3080, 6.2572, -0.2701

Deuteranopia

227.3180, 11.1822, 6.7371



Tritanopia

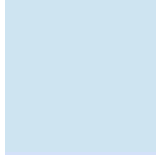
219.2260, 17.1436, -38.7862

Trichromacy



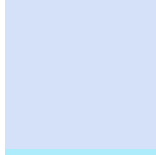
Original Color

218.3030, 13.6546, -39.7307



Protanomaly

222.9040, 8.9213, -14.8248



Deuteranomaly

223.8490, 12.3994, -10.3916



Tritanomaly

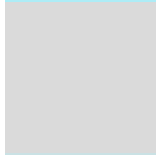
218.5850, 15.9806, -39.1010

Monochromacy



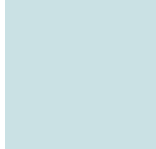
Original Color

218.3030, 13.6546, -39.7307



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.4650, 4.7008, -14.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3030, 13.6546, -39.7307 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(173, 236, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 246)  
}
```

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(173, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 246) }
```

Border

The CSS property to change the border of an element to YUV 218.3030, 13.6546, -39.7307 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(173, 236, 246) }
```


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

```
.border{ border-color:rgb(173, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 218.3030, 13.6546, -39.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 246) }
```

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

```
.background{ background-color: rgb(173,  
236, 246) }
```

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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