

Converting Colors

YUV(218.0450, 18.2188,
-57.0445)

Have a look what the booklet for
YUV(218.0450, 18.2188, -57.0445)
contains.

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Color

**YUV(218.0450, 18.2188,
-57.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	99F4FF
RGB	153, 244, 255
RGB Percent	60%, 96%, 100%
CMY	0.4000, 0.0431, 0.0000
CMYK	0.40, 0.04, 0.00, 0.00
HSL	186°, 100%, 80%
HSV	186°, 40%, 100%
XYZ	63.5376, 78.6937, 106.4484
YIQ	218.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

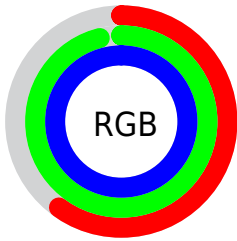
Format	Color
R _Y B	153, 201, 255
Decimal	10089727
CIE Lab	91.10, -24.43, -13.85
CIE LCh	91, 28.084, 209.550
Yxy	78.6937, 0.2555, 0.3164
Android (android.graphics.Color)	4288279807 (0xFF99F4FF)
YUV	218.0450, 18.2188, -57.0445
Hunter-Lab	88.7095, -27.3921, -9.0494

Details

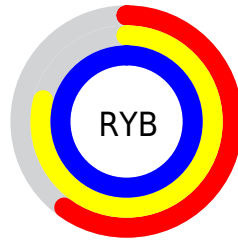
The YUV color **218.0450, 18.2188, -57.0445** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.9550, -18.2188, 57.0445**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **161.3330, 18.0768, -58.1740** is the 20% darker color. If you saturate the color by 10%, you get **208.8090, 22.7722, -70.8695**, and if you desaturate by 10%, it is **227.5800, 13.5181, -42.6047**.

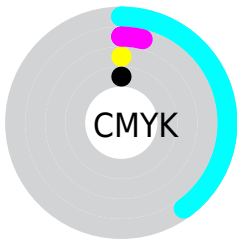
Distribution



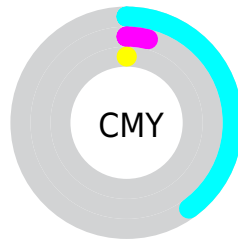
- Red (60%)
- Green (96%)
- Blue (100%)



- Red (60%)
- Yellow (79%)
- Blue (100%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0450, 18.2188, -57.0445 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 218.0450, 18.2188, -57.0445 by changing the saturation by 10% instead.

218.0450, 18.2188,
-57.0445

218.0450, 18.2188,
-57.0445

255.0000, 0.0000,
0.0000

189.0450, 18.2188,
-57.0445

241.8440, 6.4859,
-27.0502

161.3330, 18.0768,
-58.1740

250.8140, 2.0637,
-8.6069

132.8490, 18.8084,
-59.5036

103.8590, 20.2825,
-65.6513

76.9620, 20.7247,
-67.4957

60.0240, 16.7502,
-52.6410

43.3140, 13.6492,

-37.9864

■ 27.7780, 9.9694,
-24.3613

■ 8.4750, 9.6258,
-7.4326

■ 218.0450, 18.2188,
-57.0445

■ 218.0450, 18.2188,
-57.0445

■ 208.8090, 22.7722,
-70.8695

■ 227.5800, 13.5181,
-42.6047

■ 199.8610, 27.1835,
-85.8241

■ 236.8160, 8.9647,
-28.7796

■ 190.6250, 31.7369,
-99.6491

■ 245.7640, 4.5533,
-13.8250

■ 181.0900, 36.4376,
-114.0889

■ 255.0000, 0.0000,
0.0000

■ 171.5550, 41.1384,
-128.5287

■ 162.9060, 45.4023,
-142.8686

Harmonies

Analogous

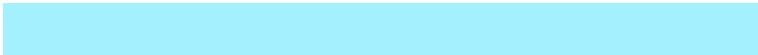
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.8430, 4.5144, -48.0973



218.0450, 18.2188, -57.0445



219.2850, 17.6075, -47.6079

Triad

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



218.0450, 18.2188, -57.0445



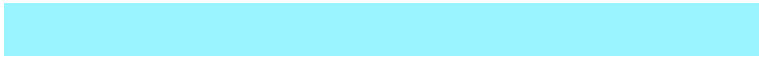
230.9330, 11.8650, 21.1068



228.6500, -25.9564, 18.7240

Complementary

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



218.0450, 18.2188, -57.0445



189.9550, -18.2188, 57.0445

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.



225.7740, -20.5946, 25.6312



218.0450, 18.2188, -57.0445



225.8490, 2.5394, 25.5654

Square

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



218.0450, 18.2188, -57.0445



229.6380, 12.5035, 2.9485



223.9450, -9.8329, 27.2352



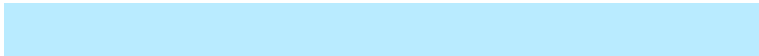
225.3590, -21.3760, -3.8228

Rectangle

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



218.0450, 18.2188, -57.0445



222.3300, 16.1063, -32.7384



223.9450, -9.8329, 27.2352



227.9110, -25.0991, 23.7571

Sweetspot

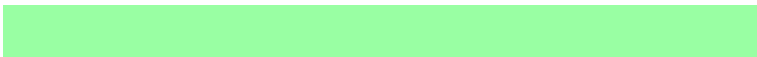
The Sweet Spot groups the original color and five complimentary colors.



218.0450, 18.2188, -57.0445



243.9700, 5.4378, -17.5137



214.0140, -25.1499, -53.5093



121.4440, 3.2321, -10.0364



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.



218.0450, 18.2188, -57.0445



210.8910, 21.7457, -68.3104



188.6950, 32.6884, -31.3045



122.9390, 2.4951, -6.9625



122.1510, 33.9426, -107.1264



40.7550, 11.4598, -35.7421

Inverse Universe

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



193.8720, 24.7131, 53.6093



181.9040, 29.6273, 64.1052



219.3050, -32.6884, 31.3045



120.1410, 2.8885, 6.8923



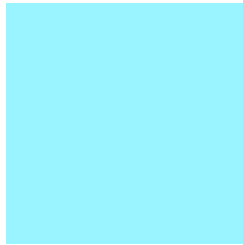
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 218.0450, 18.2188, -57.0445 looks on a white background.

Color Contrast Check

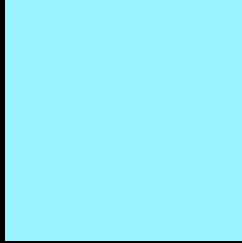
Large Text (above 18pt) WCAG AA × Fail

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 218.0450, 18.2188, -57.0445 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 218.0450, 18.2188, -57.0445

Background



This preview shows how black text looks on a background with the YUV color 218.0450, 18.2188, -57.0445.



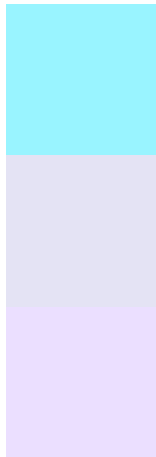
This preview shows how white text looks on a background with the YUV color 218.0450, 18.2188, -57.0445.

-57.0445.

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

218.0450, 18.2188, -57.0445

Protanopia

229.2370, 7.2782, -1.0848

Deuteranopia

230.2360, 12.2087, 4.1780



Tritanopia

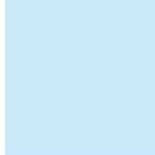
222.2750, 16.1334, -41.4602

Trichromacy



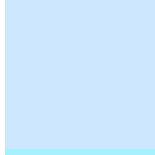
Original Color

218.0450, 18.2188, -57.0445



Protanomaly

225.1420, 11.2690, -21.1725



Deuteranomaly

225.9620, 14.3157, -18.3837



Tritanomaly

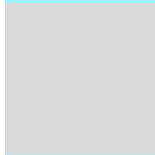
220.4700, 17.0233, -46.8932

Monochromacy



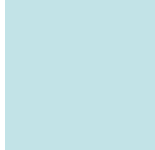
Original Color

218.0450, 18.2188, -57.0445



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.5890, 6.6116, -20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0450, 18.2188, -57.0445 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(153, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 244, 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(153, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 244, 255) }
```

Border

The CSS property to change the border of an element to YUV 218.0450, 18.2188, -57.0445 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(153, 244, 255) }
```


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

```
.border{ border-color:rgb(153, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 244,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 218.0450, 18.2188, -57.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 244, 255) }
```

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

```
.background{ background-color: rgb(153,  
244, 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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