

Converting Colors

YUV(204.2230, 25.0331,
-49.3076)

Have a look what the booklet for
YUV(204.2230, 25.0331, -49.3076)
contains.

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Color

**YUV(204.2230, 25.0331,
-49.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	94DFFF
RGB	148, 223, 255
RGB Percent	58%, 87%, 100%
CMY	0.4196, 0.1255, 0.0000
CMYK	0.42, 0.13, 0.00, 0.00
HSL	198°, 100%, 79%
HSV	198°, 42%, 100%
XYZ	56.6504, 66.2913, 104.4174
YIQ	204.2230, -54.9720, -5.9480

Conversions

Conversions Part 2

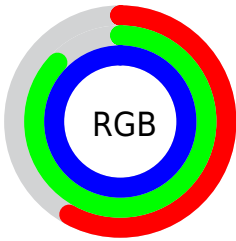
Format	Color
RYB	148, 192, 255
Decimal	9756671
CIELab	85.14, -15.19, -22.84
CIElCh	85, 27.428, 236.381
Yxy	66.2913, 0.2492, 0.2916
Android (android.graphics.Color)	4287946751 (0xFF94DFFF)
YUV	204.2230, 25.0331, -49.3076
Hunter-Lab	81.4194, -18.2864, -19.0436

Details

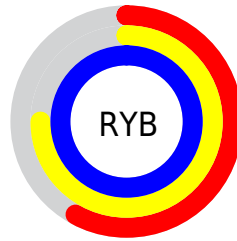
The YUV color **204.2230, 25.0331, -49.3076** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **198.7770, -25.0331, 49.3076**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **148.3970, 24.4543, -50.3372** is the 20% darker color. If you saturate the color by 10%, you get **192.0520, 31.0334, -60.5586**, and if you desaturate by 10%, it is **216.6930, 18.8854, -37.4418**.

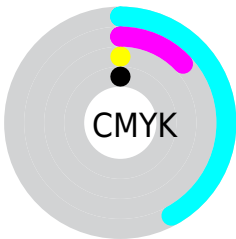
Distribution



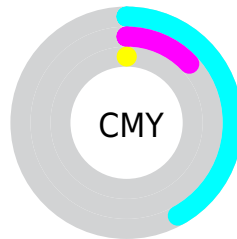
- Red (58%)
- Green (87%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2230, 25.0331, -49.3076 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 204.2230, 25.0331, -49.3076 by changing the saturation by 10% instead.

204.2230, 25.0331,
-49.3076

204.2230, 25.0331,
-49.3076

255.0000, 0.0000,
0.0000

175.8100, 24.7437,
-49.8224

240.3490, 7.2229,
-30.1241

148.3970, 24.4543,
-50.3372

249.0200, 2.9481,
-12.2955

120.5000, 24.8965,
-52.1815

91.6840, 25.7918,
-59.3589

66.9830, 25.6444,
-58.7441

50.0450, 21.6698,
-43.8895

34.3950, 17.5533,

-30.1644

■ 20.6200, 13.0053,
-18.0837

■ 3.6650, 11.5042,
-3.2142

■ 204.2230, 25.0331,
-49.3076

■ 204.2230, 25.0331,
-49.3076

■ 192.0520, 31.0334,
-60.5586

■ 216.6930, 18.8854,
-37.4418

■ 180.1690, 36.8917,
-72.9392

■ 228.2770, 13.1744,
-25.6759

■ 167.9980, 42.8920,
-84.1902

■ 240.7470, 7.0267,
-13.8101

■ 155.5280, 49.0397,
-96.0561

■ 252.9180, 1.0264,
-2.5591

■ 143.9440, 54.7506, 255.0000, 0.0000,
-107.8219 0.0000

■ 134.1430, 59.5825,
-117.6434

Harmonies

Analogous

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



201.3010, 16.6136, -55.5150



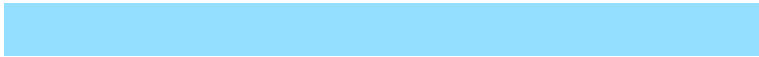
204.2230, 25.0331, -49.3076



208.7850, 22.7840, -27.8754

Triad

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



204.2230, 25.0331, -49.3076



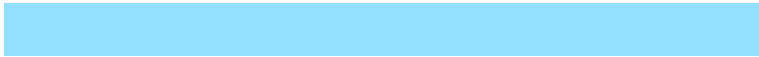
214.8610, 1.0545, 35.2019



209.0820, -21.2394, -0.9489

Complementary

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



204.2230, 25.0331, -49.3076



198.7770, -25.0331, 49.3076

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.



211.8890, -25.0883, 20.2683



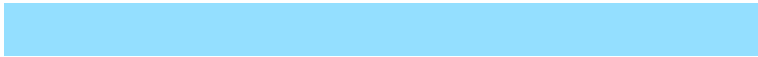
204.2230, 25.0331, -49.3076



212.4840, -10.5916, 37.2865

Square

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



204.2230, 25.0331, -49.3076



217.0580, 12.2964, 22.7511



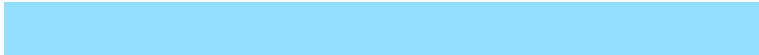
213.6120, -21.5007, 36.2973



205.5720, -11.1280, -24.1806

Rectangle

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



204.2230, 25.0331, -49.3076



212.4390, 20.9826, -10.0320



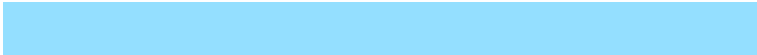
213.6120, -21.5007, 36.2973



210.2570, -23.2977, 5.9136

Sweetspot

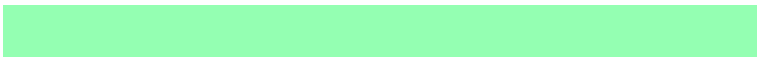
The Sweet Spot groups the original color and five complimentary colors.



204.2230, 25.0331, -49.3076



239.2630, 7.7583, -15.1397



214.2290, -17.8609, -58.0828



117.6120, 5.1213, -9.3067



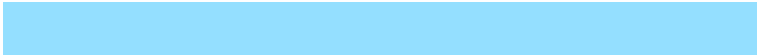
0.0000, 0.0000, 0.0000



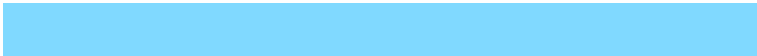
128.0000, 0.0000, 0.0000

Same Dimension

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



204.2230, 25.0331, -49.3076



194.7210, 29.7175, -58.5143



173.6990, 40.0814, -22.5380



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645

Inverse Universe

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



188.5430, 16.9873, 58.2828



176.1190, 20.1543, 69.1786



229.3010, -40.0814, 22.5380



119.9130, 2.0149, 7.0923



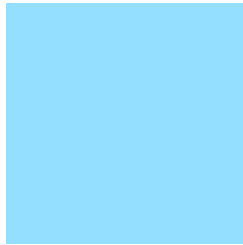
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 204.2230, 25.0331, -49.3076 looks on a white background.

Color Contrast Check

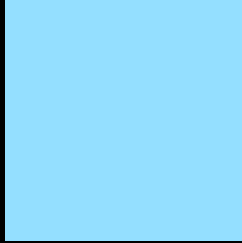
Large Text (above 18pt) WCAG AA × Fail

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 204.2230, 25.0331, -49.3076 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 204.2230, 25.0331, -49.3076

Background



This preview shows how black text looks on a background with the YUV color 204.2230, 25.0331, -49.3076.

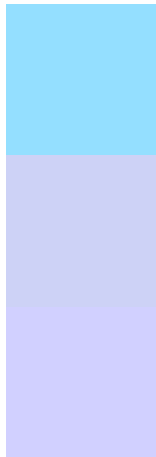


This preview shows how white text looks on a background with the YUV color 204.2230, 25.0331, -49.3076.

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

204.2230, 25.0331, -49.3076

Protanopia

212.6090, 16.4618, -6.6731

Deuteranopia

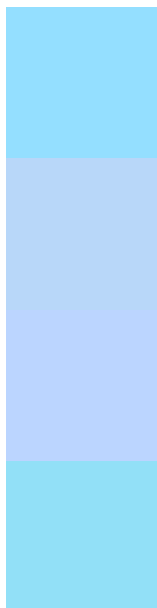
213.6570, 20.3821, -4.0842



Tritanopia

203.1320, 19.6549, -50.9818

Trichromacy



Original Color

204.2230, 25.0331, -49.3076

Protanomaly

209.6070, 19.4207, -22.4573

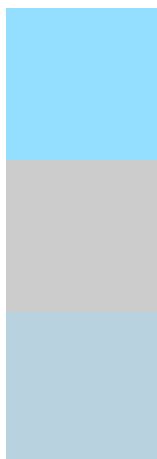
Deuteranomaly

210.0140, 22.1781, -20.1833

Tritanomaly

203.3000, 21.5441, -50.2521

Monochromacy



Original Color

204.2230, 25.0331, -49.3076

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2230, 25.0331, -49.3076 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(148, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 223, 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(148, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 223, 255) }
```

Border

The CSS property to change the border of an element to YUV 204.2230, 25.0331, -49.3076 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(148, 223, 255) }
```


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

```
.border{ border-color:rgb(148, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 223,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 204.2230, 25.0331, -49.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 223, 255) }
```

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

```
.background{ background-color: rgb(148,  
223, 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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