

Converting Colors

YUV(205.9640, 21.2167,
-38.5564)

Have a look what the booklet for
YUV(205.9640, 21.2167, -38.5564)
contains.

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Color

**YUV(205.9640, 21.2167,
-38.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DCF9
RGB	162, 220, 249
RGB Percent	64%, 86%, 98%
CMY	0.3647, 0.1373, 0.0235
CMYK	0.35, 0.12, 0.00, 0.02
HSL	200°, 88%, 81%
HSV	200°, 35%, 98%
XYZ	57.5924, 65.7073, 99.2699
YIQ	205.9640, -43.8770, -3.2770

Conversions

Conversions Part 2

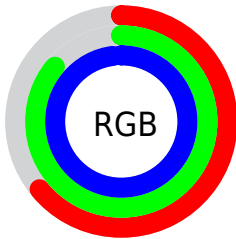
Format	Color
RYB	162, 197, 249
Decimal	10673401
CIELab	84.85, -11.58, -20.06
CIELCh	85, 23.162, 239.995
Yxy	65.7073, 0.2588, 0.2952
Android (android.graphics.Color)	4288863481 (0xFFA2DCF9)
YUV	205.9640, 21.2167, -38.5564
Hunter-Lab	81.0601, -15.0326, -15.8672

Details

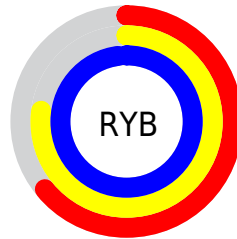
The YUV color $205.9640, 21.2167, -38.5564$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $205.0360, -21.2167, 38.5564$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2360, 5.3067, -22.1320$, and $150.8500, 20.7800, -38.4564$ is the 20% darker color. If you saturate the color by 10%, you get $193.7930, 27.2171, -49.8075$, and if you desaturate by 10%, it is $218.1350, 15.2164, -27.3054$.

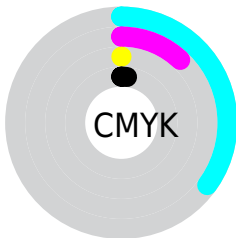
Distribution



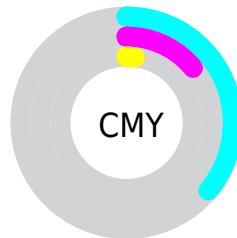
- Red (64%)
- Green (86%)
- Blue (98%)



- Red (64%)
- Yellow (77%)
- Blue (98%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.9640, 21.2167, -38.5564 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 205.9640, 21.2167, -38.5564 by changing the saturation by 10% instead.

■ 205.9640, 21.2167,
-38.5564

■ 205.9640, 21.2167,
-38.5564

255.0000, 0.0000,
0.0000

■ 177.8500, 20.7800,
-38.4564

■ 244.2360, 5.3067,
-22.1320

■ 150.8500, 20.7800,
-38.4564

■ 252.9070, 1.0318,
-4.3034

■ 124.3230, 20.0538,
-38.8713

■ 97.7250, 20.3486,
-40.1008

■ 70.5070, 20.9490,
-46.0486

■ 48.3010, 20.0646,
-42.3600

■ 32.6510, 15.9481,

-28.6349

■ 18.9900, 11.8369,
-16.6542

■ 3.0950, 9.3202,
-2.7143

■ 205.9640, 21.2167,
-38.5564

■ 205.9640, 21.2167,
-38.5564

■ 193.7930, 27.2171,
-49.8075

■ 218.1350, 15.2164,
-27.3054

■ 181.0350, 33.5067,
-60.5437

■ 230.8930, 8.9268,
-16.5692

■ 168.8640, 39.5070,
-71.7947

■ 243.0640, 2.9264,
-5.3181

■ 156.6930, 45.5074,
-83.0458

■ 253.1420, -2.0420,
1.6295

■ 144.5220, 51.5077,
-94.2968

■ 254.3160, -2.6208,
0.5999

■ 132.0630, 57.6499,
-104.4183

■ 125.8280, 60.7238,
-110.3512

Harmonies

Analogous

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



203.4980, 14.5445, -45.1637



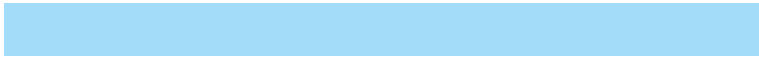
205.9640, 21.2167, -38.5564



210.6010, 21.8887, -20.6981

Triad

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



205.9640, 21.2167, -38.5564



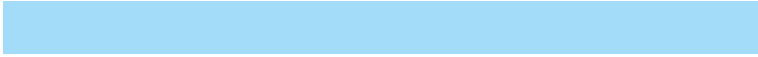
215.5790, -1.2714, 34.5722



208.5100, -17.0134, -3.0783

Complementary

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



205.9640, 21.2167, -38.5564



205.0360, -21.2167, 38.5564

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.



210.8930, -21.1462, 15.8798



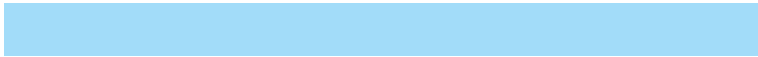
205.9640, 21.2167, -38.5564



214.2450, -11.4598, 35.7421

Square

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



205.9640, 21.2167, -38.5564



215.8360, 8.9549, 21.1918



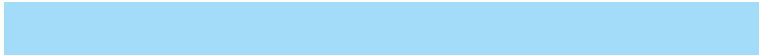
212.9640, -18.7163, 29.8496



205.6800, -8.2232, -22.5214

Rectangle

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



205.9640, 21.2167, -38.5564



213.1190, 19.6613, -6.2434



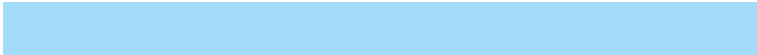
212.9640, -18.7163, 29.8496



209.3860, -18.9243, 3.1695

Sweetspot

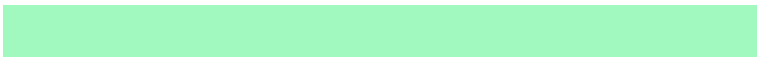
The Sweet Spot groups the original color and five complimentary colors.



205.9640, 21.2167, -38.5564



242.8290, 6.0003, -11.2510



216.3750, -12.5099, -47.6869



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



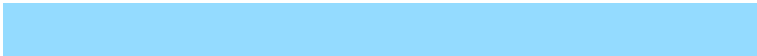
128.0000, 0.0000, 0.0000

Same Dimension

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



205.9640, 21.2167, -38.5564



201.8750, 26.1906, -47.2484



181.3100, 33.3712, -16.9349



118.7650, 3.0739, -5.9329



95.5080, 46.0916, -83.7605



31.0210, 14.7796, -27.2054

Inverse Universe

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



194.6250, 12.5099, 47.6869



188.0870, 15.2401, 58.6827



230.8640, -33.9500, 15.9053



116.9130, 2.0149, 7.0923



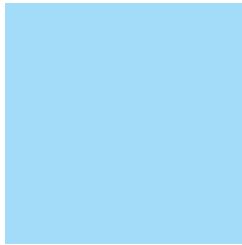
70.8750, 27.1766, 103.5956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 205.9640, 21.2167, -38.5564 looks on a white background.

Color Contrast Check

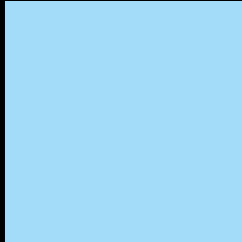
Large Text (above 18pt) WCAG AA × Fail

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 205.9640, 21.2167, -38.5564 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 205.9640, 21.2167, -38.5564 Background



This preview shows how black text looks on a background with the YUV color 205.9640, 21.2167, -38.5564.



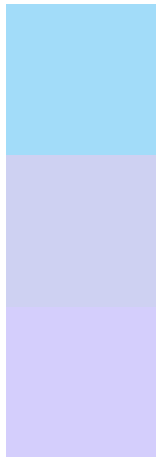
This preview shows how white text looks on a background with the YUV color 205.9640, 21.2167, -38.5564.

-38.5564.

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

205.9640, 21.2167, -38.5564

Protanopia

211.8650, 14.8566, -5.1436

Deuteranopia

213.0380, 19.2083, -0.9103



Tritanopia

205.4000, 16.5648, -39.8158

Trichromacy



Original Color

205.9640, 21.2167, -38.5564

Protanomaly

209.7710, 17.3679, -17.3392

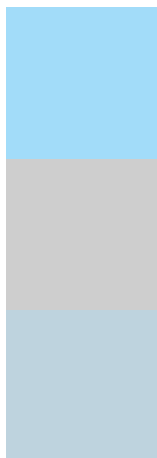
Deuteranomaly

210.4770, 19.9778, -14.4503

Tritanomaly

205.5680, 18.4540, -39.0861

Monochromacy



Original Color

205.9640, 21.2167, -38.5564

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.9640, 21.2167, -38.5564 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(162, 220, 249)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 249)  
}
```

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(162, 220, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 249) }
```

Border

The CSS property to change the border of an element to YUV 205.9640, 21.2167, -38.5564 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(162, 220, 249) }
```


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

```
.border{ border-color:rgb(162, 220, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 220, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 249);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 205.9640, 21.2167, -38.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 249) }
```

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

```
.background{ background-color: rgb(162,  
220, 249) }
```

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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