

Converting Colors

YUV(205.4740, 24.4163,
-38.1267)

Have a look what the booklet for
YUV(205.4740, 24.4163, -38.1267)
contains.

YUV(205.4740, 24.4163, -38.1267)	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(205.4740, 24.4163,
-38.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DAFF
RGB	162, 218, 255
RGB Percent	64%, 85%, 100%
CMY	0.3647, 0.1451, 0.0000
CMYK	0.36, 0.15, 0.00, 0.00
HSL	204°, 100%, 82%
HSV	204°, 36%, 100%
XYZ	58.0217, 65.0442, 104.1045
YIQ	205.4740, -45.2530, -0.3650

Conversions

Conversions Part 2

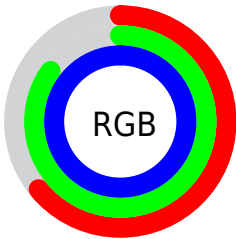
Format	Color
R _Y B	162, 197, 255
Decimal	10672895
CIE Lab	84.51, -9.07, -23.74
CIE LCh	85, 25.415, 249.100
Yxy	65.0442, 0.2554, 0.2863
Android (android.graphics.Color)	4288862975 (0xFFA2DAFF)
YUV	205.4740, 24.4163, -38.1267
Hunter-Lab	80.6500, -12.7199, -20.0776

Details

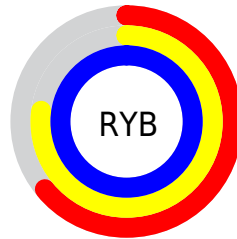
The YUV color **205.4740, 24.4163, -38.1267** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **211.5260, -24.4163, 38.1267**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **150.2460, 23.5427, -37.9267** is the 20% darker color. If you saturate the color by 10%, you get **191.8300, 31.1428, -48.9629**, and if you desaturate by 10%, it is **218.8190, 17.8372, -27.9053**.

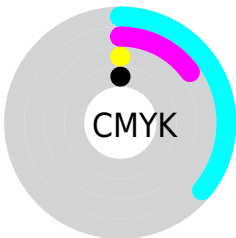
Distribution



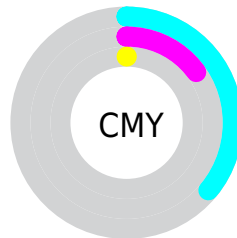
- Red (64%)
- Green (85%)
- Blue (100%)



- Red (64%)
- Yellow (77%)
- Blue (100%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4740, 24.4163, -38.1267 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 205.4740, 24.4163, -38.1267 by changing the saturation by 10% instead.

■ 205.4740, 24.4163,
-38.1267

■ 205.4740, 24.4163,
-38.1267

■ 255.0000, 0.0000,
0.0000

■ 177.3600, 23.9795,
-38.0267

■ 244.2360, 5.3067,
-22.1320

■ 150.2460, 23.5427,
-37.9267

■ 253.2060, 0.8844,
-3.6887

■ 123.5340, 23.4007,
-39.0563

■ 97.1100, 23.1168,
-41.3155

■ 68.8210, 24.7382,
-48.0780

■ 48.2840, 22.5380,
-42.3451

■ 32.6340, 18.4214,

-28.6200

■ 18.2720, 14.1629,
-16.0245

■ 3.5510, 11.0674,
-3.1142

■ 205.4740, 24.4163,
-38.1267

■ 205.4740, 24.4163,
-38.1267

■ 191.8300, 31.1428,
-48.9629

■ 218.8190, 17.8372,
-27.9053

■ 178.4850, 37.7219,
-59.1843

■ 232.4630, 11.1107,
-17.0691

■ 165.1400, 44.3010,
-69.4058

■ 246.1070, 4.3842,
-6.2328

■ 150.9090, 51.3169,
-79.7272

■ 255.0000, 0.0000,
0.0000

■ 137.2650, 58.0434,
-90.5634

■ 123.9200, 64.6224,
-100.7848

■ 119.4680, 66.8173,
-104.7734

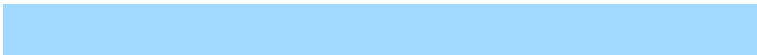
Harmonies

Analogous

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



201.6160, 18.9233, -49.6522



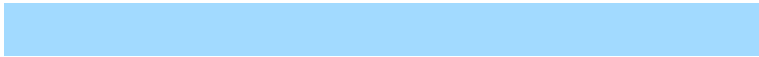
205.4740, 24.4163, -38.1267



210.3350, 22.0198, -16.0798

Triad

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



205.4740, 24.4163, -38.1267



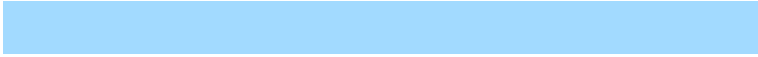
213.3790, -4.6238, 36.5016



206.5800, -16.5549, -10.1557

Complementary

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



205.4740, 24.4163, -38.1267



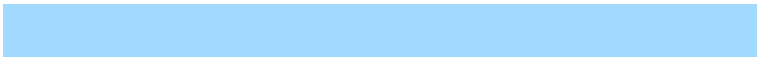
211.5260, -24.4163, 38.1267

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.



209.5180, -22.4404, 10.9467



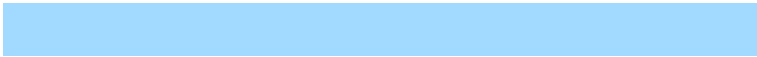
205.4740, 24.4163, -38.1267



212.6320, -15.1016, 37.1567

Square

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



205.4740, 24.4163, -38.1267



215.3100, 6.7492, 28.6691



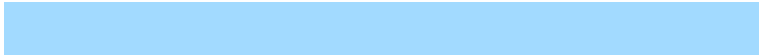
211.7420, -22.0578, 28.2903



203.1350, -4.9966, -30.8134

Rectangle

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



205.4740, 24.4163, -38.1267



213.1630, 19.6396, 0.7340



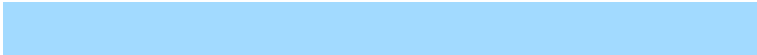
211.7420, -22.0578, 28.2903



207.6410, -19.0500, -3.1932

Sweetspot

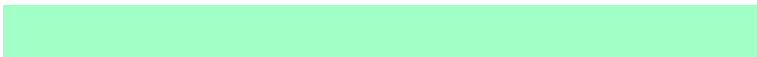
The Sweet Spot groups the original color and five complimentary colors.



205.4740, 24.4163, -38.1267



240.1710, 7.3107, -11.5510



220.6950, -11.1886, -51.4755



118.8080, 4.5317, -6.8476



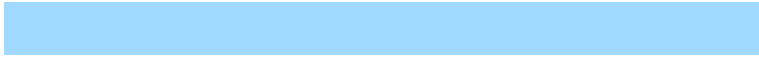
0.0000, 0.0000, 0.0000



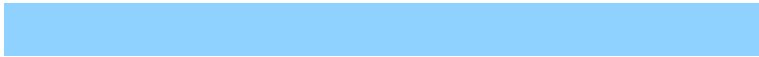
128.0000, 0.0000, 0.0000

Same Dimension

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



205.4740, 24.4163, -38.1267



195.0970, 29.5322, -45.6891



179.0590, 37.4389, -14.9607



120.5910, 3.6526, -4.9033



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610

Inverse Universe

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



196.1910, 10.7518, 51.5755



184.1260, 12.7559, 62.1565



237.9410, -37.4389, 14.9607



119.6850, 1.1413, 7.2923



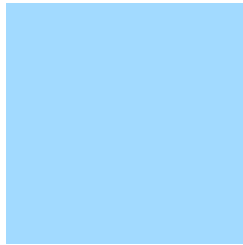
70.2190, 22.0770, 105.9249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 205.4740, 24.4163, -38.1267 looks on a white background.

Color Contrast Check

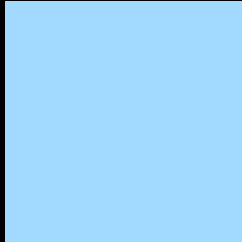
Large Text (above 18pt) WCAG AA × Fail

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 205.4740, 24.4163, -38.1267 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 205.4740, 24.4163, -38.1267

Background



This preview shows how black text looks on a background with the YUV color 205.4740, 24.4163, -38.1267.



This preview shows how white text looks on a background with the YUV color 205.4740, 24.4163, -38.1267.

-38.1267.

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

205.4740, 24.4163, -38.1267

Protanopia

210.7660, 18.3564, -7.6878

Deuteranopia

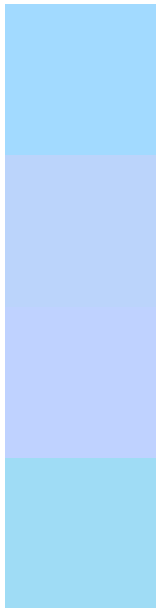
211.8850, 21.2557, -4.2841



Tritanopia

204.2150, 17.1490, -40.5306

Trichromacy



Original Color

205.4740, 24.4163, -38.1267

Protanomaly

208.9710, 20.7203, -19.2686

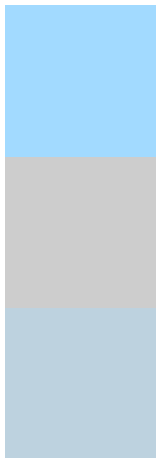
Deuteranomaly

209.4490, 22.4566, -16.1798

Tritanomaly

204.6110, 19.9118, -40.0008

Monochromacy



Original Color

205.4740, 24.4163, -38.1267

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2030, 8.7739, -14.2100

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4740, 24.4163, -38.1267 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 218, 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(162, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 218, 255) }
```

Border

The CSS property to change the border of an element to YUV 205.4740, 24.4163, -38.1267 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, 218, 255) }
```


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

```
.border{ border-color:rgb(162, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 205.4740, 24.4163, -38.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 218, 255) }
```

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

```
.background{ background-color: rgb(162,  
218, 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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