

Converting Colors

YUV(196.3850, 16.0792,
-24.0166)

Have a look what the booklet for
YUV(196.3850, 16.0792, -24.0166)
contains.

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Color

**YUV(196.3850, 16.0792,
-24.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CCE5
RGB	169, 204, 229
RGB Percent	66%, 80%, 90%
CMY	0.3373, 0.2000, 0.1020
CMYK	0.26, 0.11, 0.00, 0.10
HSL	205°, 54%, 78%
HSV	205°, 26%, 90%
XYZ	52.0979, 57.2779, 82.4386
YIQ	196.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

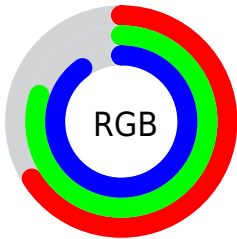
Format	Color
R _Y B	169, 191, 229
Decimal	11128037
CIE Lab	80.34, -6.04, -16.19
CIE LCh	80, 17.282, 249.527
Yxy	57.2779, 0.2716, 0.2986
Android (android.graphics.Color)	4289318117 (0xFFA9CCE5)
YUV	196.3850, 16.0792, -24.0166
Hunter-Lab	75.6822, -9.5684, -11.6056

Details

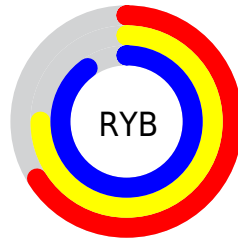
The YUV color **196.3850, 16.0792, -24.0166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.6150, -16.0792, 24.0166**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0300, 4.4222, -18.4433**, and **142.5700, 15.4950, -23.3019** is the 20% darker color. If you saturate the color by 10%, you get **183.6380, 22.3635, -33.0085**, and if you desaturate by 10%, it is **209.1320, 9.7949, -15.0248**.

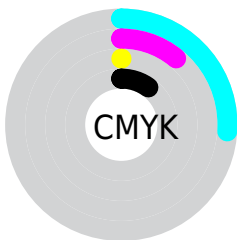
Distribution



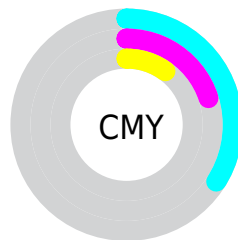
- Red (66%)
- Green (80%)
- Blue (90%)



- Red (66%)
- Yellow (75%)
- Blue (90%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3850, 16.0792, -24.0166 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 196.3850, 16.0792, -24.0166 by changing the saturation by 10% instead.

■ 196.3850, 16.0792,
-24.0166

■ 196.3850, 16.0792,
-24.0166

255.0000, 0.0000,
0.0000

■ 169.2710, 15.6424,
-23.9167

■ 246.0300, 4.4222,
-18.4433

■ 142.5700, 15.4950,
-23.3019

■ 254.7010, 0.1474,
-0.6148

■ 116.4560, 15.0582,
-23.2019

■ 91.3420, 14.6214,
-23.1019

■ 66.9290, 14.3320,
-23.6167

■ 42.9070, 14.3428,
-27.1054

■ 24.4840, 12.5794,

-21.4725

■ 5.6540, 11.5096,
-4.9586

■ 0.0000, 0.0000,
0.0000

■ 196.3850, 16.0792,
-24.0166

■ 196.3850, 16.0792,
-24.0166

■ 183.6380, 22.3635,
-33.0085

■ 209.1320, 9.7949,
-15.0248

■ 171.4780, 28.3583,
-42.5152

■ 221.2920, 3.8000,
-5.5181

■ 158.7310, 34.6426,
-51.5071

■ 234.0390, -2.4842,
3.4738

■ 146.5710, 40.6375,
-61.0138

■ 244.4050, -7.5947,
9.2918

■ 133.8240, 46.9218,
-70.0056

■ 250.2750,
-10.4886, 4.1438

■ 121.9630, 52.7692,
-78.8976

■ 252.0360,
-11.3567, 2.5994

■ 109.2160, 59.0535,
-87.8894

■ 104.7640, 61.2483,
-91.8780

Harmonies

Analogous

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



194.3040, 12.1751, -31.8386



196.3850, 16.0792, -24.0166



199.3590, 15.5990, -9.9618

Triad

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



196.3850, 16.0792, -24.0166



202.2530, -3.5757, 26.9651



196.3830, -11.0348, -7.3519

Complementary

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



196.3850, 16.0792, -24.0166



201.6150, -16.0792, 24.0166

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.



198.4450, -15.0094, 7.5027



196.3850, 16.0792, -24.0166



201.3040, -10.9959, 26.9204

Square

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



196.3850, 16.0792, -24.0166



202.2720, 4.3029, 19.9325



199.6360, -14.6105, 19.6132



194.5430, -3.7187, -20.6472

Rectangle

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



196.3850, 16.0792, -24.0166



200.7410, 12.9457, 1.1041



199.6360, -14.6105, 19.6132



196.9600, -12.7983, -1.7189

Sweetspot

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



196.3850, 16.0792, -24.0166



244.3240, 5.2633, -8.1771



207.0700, -6.4435, -33.3874



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



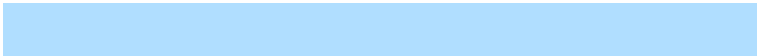
128.0000, 0.0000, 0.0000

Same Dimension

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



196.3850, 16.0792, -24.0166



212.0080, 21.1951, -31.5790



178.7750, 24.7609, -8.5727



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Inverse Universe

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



190.9300, 6.4435, 33.3874



204.8650, 8.4476, 43.9684



219.2250, -24.7609, 8.5727



107.3860, 1.2887, 6.6775



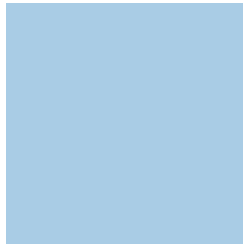
65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 196.3850, 16.0792, -24.0166 looks on a white background.

Color Contrast Check

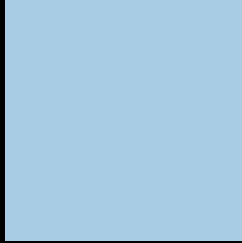
Large Text (above 18pt) WCAG AA × Fail

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 196.3850, 16.0792, -24.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

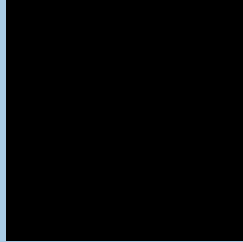
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

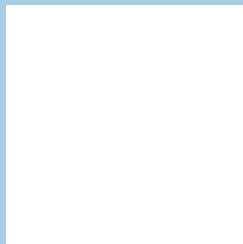
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.3850, 16.0792, -24.0166

Background



This preview shows how black text looks on a background with the YUV color 196.3850, 16.0792, -24.0166.



This preview shows how white text looks on a background with the YUV color 196.3850, 16.0792, -24.0166.

-24.0166.

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

196.3850, 16.0792, -24.0166

Protanopia

199.5940, 12.5252, -4.0289

Deuteranopia

200.9090, 14.8349, 1.8338



Tritanopia

195.5760, 13.0270, -25.0612

Trichromacy



Original Color

196.3850, 16.0792, -24.0166

Protanomaly

198.7780, 13.4204, -11.2063

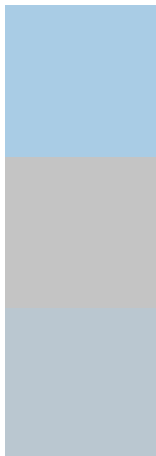
Deuteranomaly

199.5550, 15.0094, -7.5027

Tritanomaly

196.2170, 14.1900, -24.7463

Monochromacy



Original Color

196.3850, 16.0792, -24.0166

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3850, 16.0792, -24.0166 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(169, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 229)  
}
```

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(169, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 229) }
```

Border

The CSS property to change the border of an element to YUV 196.3850, 16.0792, -24.0166 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(169, 204, 229) }
```


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

```
.border{ border-color:rgb(169, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 196.3850, 16.0792, -24.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 229) }
```

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

```
.background{ background-color: rgb(169,  
204, 229) }
```

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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