

Converting Colors

YUV(196.3050, 24.0066,
-46.7485)

Have a look what the booklet for
YUV(196.3050, 24.0066, -46.7485)
contains.

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Color

**YUV(196.3050, 24.0066,
-46.7485)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8FD6F5 |
| RGB | 143, 214, 245 |
| RGB Percent | 56%, 84%, 96% |
| CMY | 0.4392, 0.1608, 0.0392 |
| CMYK | 0.42, 0.13, 0.00, 0.04 |
| HSL | 198°, 84%, 76% |
| HSV | 198°, 42%, 96% |
| XYZ | 51.8557, 60.5253, 95.3357 |
| YIQ | 196.3050, -52.2670, -5.4110 |

Conversions

Conversions Part 2

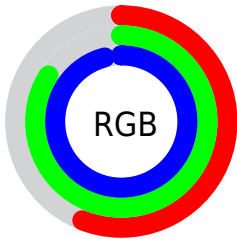
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 143, 185, 245 |
| Decimal | 9426677 |
| CIE _{Lab} | 82.12, -14.38, -22.16 |
| CIE _{LCh} | 82, 26.417, 237.011 |
| Yxy | 60.5253, 0.2496, 0.2914 |
| Android (android.graphics.Color) | 4287616757 (0xFF8FD6F5) |
| YUV | 196.3050, 24.0066, -46.7485 |
| Hunter-Lab | 77.7980, -17.1687, -18.1968 |

Details

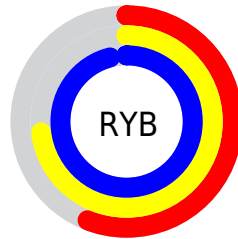
The YUV color **196.3050, 24.0066, -46.7485** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **191.6950, -24.0066, 46.7485**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **140.5930, 23.8647, -47.8781** is the 20% darker color. If you saturate the color by 10%, you get **185.0200, 29.5701, -57.8995**, and if you desaturate by 10%, it is **207.8890, 18.2957, -34.9827**.

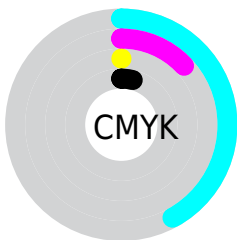
Distribution



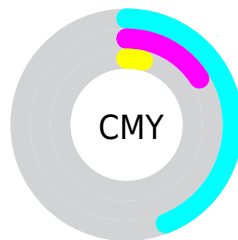
- Red (56%)
- Green (84%)
- Blue (96%)



- Red (56%)
- Yellow (73%)
- Blue (96%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3050, 24.0066, -46.7485 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 196.3050, 24.0066, -46.7485 by changing the saturation by 10% instead.

■ 196.3050, 24.0066,
-46.7485

■ 196.3050, 24.0066,
-46.7485

■ 255.0000, 0.0000,
0.0000

■ 168.3050, 24.0066,
-46.7485

■ 238.5550, 8.1074,
-33.8127

■ 140.5930, 23.8647,
-47.8781

■ 247.5250, 3.6852,
-15.3694

■ 113.5820, 23.8701,
-49.6224

■ 84.7660, 24.7654,
-56.7998

■ 61.2610, 24.0283,
-53.7259

■ 44.9100, 19.7644,
-39.3861

■ 29.3740, 16.0846,

-25.7610

■ 13.9520, 12.8417,
-12.2359

■ 2.7530, 8.0098,
-2.4144

■ 196.3050, 24.0066,
-46.7485

■ 196.3050, 24.0066,
-46.7485

■ 185.0200, 29.5701,
-57.8995

■ 207.8890, 18.2957,
-34.9827

■ 172.8490, 35.5704,
-69.1506

■ 219.7610, 12.4428,
-24.3464

■ 161.5640, 41.1339,
-80.3016

■ 231.3450, 6.7319,
-12.5806

■ 149.3930, 47.1343,
-91.5527

■ 243.2170, 0.8790,
-1.9443

■ 138.1080, 52.6978,
-102.7037

■ 251.5120, -3.2104,
3.0590

■ 128.3070, 57.5296,
-112.5252

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



193.4970, 16.0240, -53.0559



196.3050, 24.0066, -46.7485



201.4800, 25.3994, -26.7310

Triad

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



196.3050, 24.0066, -46.7485



208.5300, -0.2613, 37.2462



201.0110, -20.2184, -1.7636

Complementary

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



196.3050, 24.0066, -46.7485



191.6950, -24.0066, 46.7485

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.



203.5190, -23.9199, 18.8388



196.3050, 24.0066, -46.7485



207.4630, -12.0603, 41.6899

Square

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



196.3050, 24.0066, -46.7485



208.5310, 11.5702, 22.3363



205.8290, -20.6217, 34.3530



197.2130, -9.9650, -23.8658

Rectangle

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



196.3050, 24.0066, -46.7485



205.1940, 22.5824, -9.8171



205.8290, -20.6217, 34.3530



201.5990, -21.9873, 5.6137

Sweetspot

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



196.3050, 24.0066, -46.7485



240.4480, 7.1741, -14.4249



206.4080, -15.9771, -55.6088



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



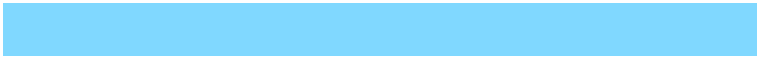
128.0000, 0.0000, 0.0000

Same Dimension

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



196.3050, 24.0066, -46.7485



194.1340, 30.0069, -57.9995



166.3680, 38.7656, -20.4937



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Inverse Universe

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



181.5920, 15.9771, 55.6088



176.0050, 19.7175, 69.2786



221.6320, -38.7656, 20.4937



114.6140, 2.1623, 6.4775



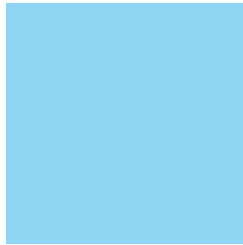
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 196.3050, 24.0066, -46.7485 looks on a white background.

Color Contrast Check

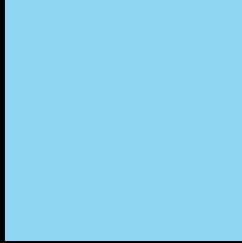
Large Text (above 18pt) WCAG AA × Fail

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 196.3050, 24.0066, -46.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

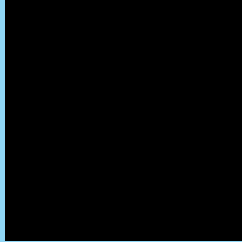
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3050, 24.0066, -46.7485

Background



This preview shows how black text looks on a background with the YUV color 196.3050, 24.0066, -46.7485.



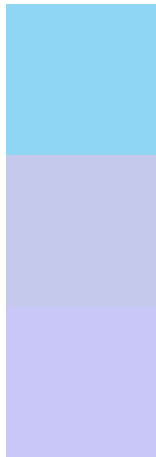
This preview shows how white text looks on a background with the YUV color 196.3050, 24.0066, -46.7485.

-46.7485.

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

196.3050, 24.0066, -46.7485

Protanopia

204.4950, 16.0250, -6.5731

Deuteranopia

205.1840, 21.1083, -3.6694



Tritanopia

195.2140, 18.6285, -48.4227

Trichromacy



Original Color

196.3050, 24.0066, -46.7485

Protanomaly

201.2050, 19.1259, -21.2278

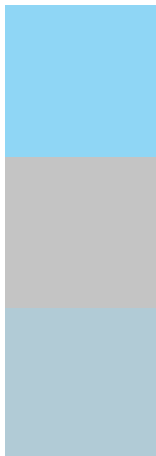
Deuteranomaly

201.7260, 22.3201, -19.0537

Tritanomaly

195.3820, 20.5177, -47.6930

Monochromacy



Original Color

196.3050, 24.0066, -46.7485

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.4800, 8.6374, -17.0840

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3050, 24.0066, -46.7485 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(143, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 245)  
}
```

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(143, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 245) }
```

Border

The CSS property to change the border of an element to YUV 196.3050, 24.0066, -46.7485 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(143, 214, 245) }
```


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

```
.border{ border-color:rgb(143, 214, 245) }
```

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

Here you see how a box with a 4 pixel rgb(143, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 196.3050, 24.0066, -46.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 245) }
```

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

```
.background{ background-color: rgb(143,  
214, 245) }
```

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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