

Converting Colors

YUV(186.5450, 26.8463,
-24.1570)

Have a look what the booklet for
YUV(186.5450, 26.8463, -24.1570)
contains.

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Color

**YUV(186.5450, 26.8463,
-24.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBEF1
RGB	159, 190, 241
RGB Percent	62%, 75%, 95%
CMY	0.3765, 0.2549, 0.0549
CMYK	0.34, 0.21, 0.00, 0.05
HSL	217°, 75%, 78%
HSV	217°, 34%, 95%
XYZ	48.5887, 50.5487, 90.4151
YIQ	186.5450, -34.8470, 9.2890

Conversions

Conversions Part 2

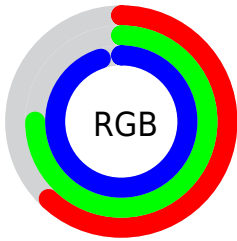
Format	Color
R_{YB}	159, 181, 241
Decimal	10469105
CIE _{Lab}	76.40, 1.50, -28.67
CIE _{LCh}	76, 28.706, 272.989
Yxy	50.5487, 0.2563, 0.2667
Android (android.graphics.Color)	4288659185 (0xFF9FBEF1)
YUV	186.5450, 26.8463, -24.1570
Hunter-Lab	71.0976, -2.4324, -25.6309

Details

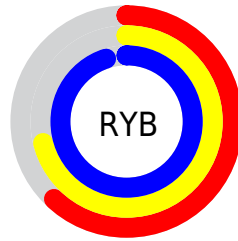
The YUV color **186.5450, 26.8463, -24.1570** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **213.4550, -26.8463, 24.1570**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7570, 8.5008, -19.9579**, and **132.9040, 25.6833, -24.4718** is the 20% darker color. If you saturate the color by 10%, you get **170.5640, 34.7249, -31.1896**, and if you desaturate by 10%, it is **202.5260, 18.9677, -17.1243**.

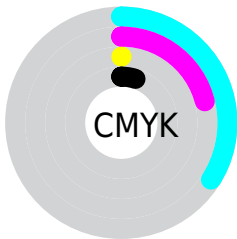
Distribution



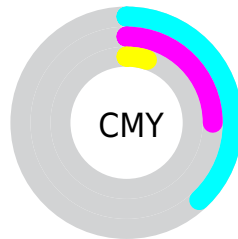
- Red (62%)
- Green (75%)
- Blue (95%)



- Red (62%)
- Yellow (71%)
- Blue (95%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5450, 26.8463, -24.1570 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 186.5450, 26.8463, -24.1570 by changing the saturation by 10% instead.

■ 186.5450, 26.8463,
-24.1570

■ 186.5450, 26.8463,
-24.1570

255.0000, 0.0000,
0.0000

■ 159.4310, 26.4095,
-24.0570

■ 237.7570, 8.5008,
-19.9579

■ 132.9040, 25.6833,
-24.4718

■ 252.0100, 1.4741,
-6.1478

■ 107.0780, 25.1045,
-25.5014

■ 81.2520, 24.5258,
-26.5310

■ 55.9310, 24.6840,
-30.6345

■ 34.0020, 23.6630,
-29.8198

■ 19.5260, 18.9677,

-17.1243

■ 5.2780, 15.1459,
-4.6288

■ 1.4820, 5.6784,
-1.2997

■ 186.5450, 26.8463,
-24.1570

■ 186.5450, 26.8463,
-24.1570

■ 170.5640, 34.7249,
-31.1896

■ 202.5260, 18.9677,
-17.1243

■ 154.5830, 42.6036,
-38.2223

■ 218.5070, 11.0890,
-10.0916

■ 138.6020, 50.4822,
-45.2550

■ 234.4880, 3.2104,
-3.0590

■ 122.6210, 58.3608,
-52.2876

■ 250.4690, -4.6682,
3.9737

■ 106.6400, 66.2395,
-59.3203

■ 253.4040, -6.1152,
1.3997

■ 90.3600, 74.2655,
-66.9677

■ 80.8910, 78.9337,
-70.9414

Harmonies

Analogous

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



180.0920, 27.0696, -49.1927



186.5450, 26.8463, -24.1570



191.4130, 20.5024, 4.0228

Triad

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



186.5450, 26.8463, -24.1570



190.7900, -14.6865, 44.0342



180.3370, -8.0541, -30.1135

Complementary

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



186.5450, 26.8463, -24.1570



213.4550, -26.8463, 24.1570

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.



183.9780, -20.2022, -6.9967



186.5450, 26.8463, -24.1570



189.4330, -23.3845, 33.8233

Square

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



186.5450, 26.8463, -24.1570



192.2810, -2.6035, 41.8496



187.0410, -25.6562, 15.7500



176.4020, 6.7038, -50.3416

Rectangle

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



186.5450, 26.8463, -24.1570



192.8020, 13.9016, 21.2216



187.0410, -25.6562, 15.7500



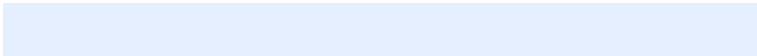
181.8280, -12.7332, -22.6512

Sweetspot

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



186.5450, 26.8463, -24.1570



238.1330, 8.3154, -7.1326



212.9480, -1.4534, -47.3124



117.3460, 5.2524, -4.6884



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.



186.5450, 26.8463, -24.1570



185.4500, 34.2882, -31.0896



171.3380, 34.3434, -2.0504



111.7160, 4.0840, -3.2589



61.4790, 60.4029, -53.9171



18.7110, 18.3835, -16.4095

Inverse Universe

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



187.0520, 1.4534, 47.3124



185.9550, 1.9942, 60.5525



228.6620, -34.3434, 2.0504



112.0440, -0.0217, 6.9774



62.8820, 3.0162, 106.2205



19.1380, 0.9180, 32.3280

Previews

White Background



This preview shows how the YUV color 186.5450, 26.8463, -24.1570 looks on a white background.

Color Contrast Check

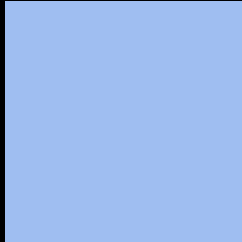
Large Text (above 18pt) WCAG AA × Fail

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 186.5450, 26.8463, -24.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

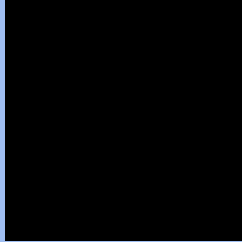
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

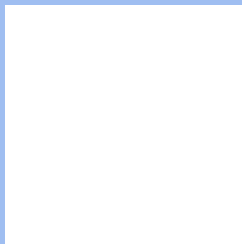
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.5450, 26.8463, -24.1570

Background



This preview shows how black text looks on a background with the YUV color 186.5450, 26.8463, -24.1570.



This preview shows how white text looks on a background with the YUV color 186.5450, 26.8463, -24.1570.

-24.1570.

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

186.5450, 26.8463, -24.1570

Protanopia

188.6390, 24.3350, -11.9614

Deuteranopia

189.4050, 25.9293, -10.0022



Tritanopia

183.9670, 13.3273, -28.0351

Trichromacy



Original Color

186.5450, 26.8463, -24.1570

Protanomaly

187.5460, 25.3668, -16.2648

Deuteranomaly

188.4860, 26.3824, -15.3352

Tritanomaly

184.9440, 18.2686, -26.2609

Monochromacy



Original Color

186.5450, 26.8463, -24.1570

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8770, 9.9206, -8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5450, 26.8463, -24.1570 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(159, 190, 241)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 241)  
}
```

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(159, 190, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 241) }
```

Border

The CSS property to change the border of an element to YUV 186.5450, 26.8463, -24.1570 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(159, 190, 241) }
```


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

```
.border{ border-color:rgb(159, 190, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 190, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 190, 241);  
box-shadow:4px 4px 4px 4px rgb(159, 190,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 186.5450, 26.8463, -24.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 241) }
```

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

```
.background{ background-color: rgb(159,  
190, 241) }
```

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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