

Converting Colors

YUV(186.7240, 25.2791,
-34.8379)

Have a look what the booklet for
YUV(186.7240, 25.2791, -34.8379)
contains.

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Color

**YUV(186.7240, 25.2791,
-34.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	93C5EE
RGB	147, 197, 238
RGB Percent	58%, 77%, 93%
CMY	0.4235, 0.2275, 0.0667
CMYK	0.38, 0.17, 0.00, 0.07
HSL	207°, 73%, 75%
HSV	207°, 38%, 93%
XYZ	47.4315, 52.3086, 88.4856
YIQ	186.7240, -42.9610, 2.1510

Conversions

Conversions Part 2

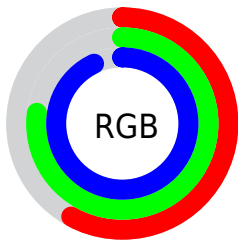
Format	Color
RYB	147, 179, 238
Decimal	9684462
CIELab	77.46, -6.27, -25.49
CIELCh	77, 26.252, 256.177
Yxy	52.3086, 0.2520, 0.2779
Android (android.graphics.Color)	4287874542 (0xFF93C5EE)
YUV	186.7240, 25.2791, -34.8379
Hunter-Lab	72.3247, -9.5055, -21.9110

Details

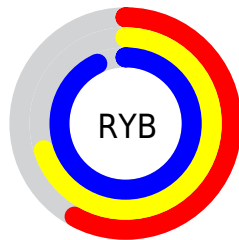
The YUV color **186.7240, 25.2791, -34.8379** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **198.2760, -25.2791, 34.8379**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1640, 7.8071, -30.8388**, and **132.1970, 24.5529, -35.2528** is the 20% darker color. If you saturate the color by 10%, you get **173.0910, 32.0001, -43.9298**, and if you desaturate by 10%, it is **200.3570, 18.5580, -25.7461**.

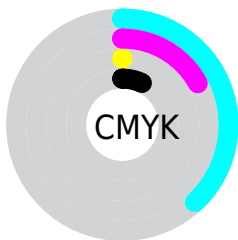
Distribution



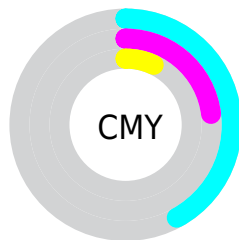
- Red (58%)
- Green (77%)
- Blue (93%)



- Red (58%)
- Yellow (70%)
- Blue (93%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7240, 25.2791, -34.8379 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 186.7240, 25.2791, -34.8379 by changing the saturation by 10% instead.

■ 186.7240, 25.2791,
-34.8379

■ 186.7240, 25.2791,
-34.8379

255.0000, 0.0000,
0.0000

■ 159.3110, 24.9897,
-35.3527

■ 239.1640, 7.8071,
-30.8388

■ 132.1970, 24.5529,
-35.2528

■ 248.4220, 3.2430,
-13.5251

■ 106.3710, 23.9741,
-36.2824

■ 79.7620, 24.2743,
-39.2563

■ 52.9460, 25.1696,
-46.4336

■ 36.5950, 20.9057,
-32.0938

■ 22.2330, 16.6471,

-19.4983

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 186.7240, 25.2791,
-34.8379

■ 186.7240, 25.2791,
-34.8379

■ 173.0910, 32.0001,
-43.9298

■ 200.3570, 18.5580,
-25.7461

■ 160.0450, 38.4318,
-53.5365

■ 213.4030, 12.1263,
-16.1394

■ 146.7110, 45.0055,
-62.0135

■ 226.7370, 5.5527,
-7.6623

■ 133.0780, 51.7265,
-71.1054

■ 240.3700, -1.1684,
1.4295

■ 119.4450, 58.4476,
-80.1973

■ 250.7140, -6.2680,
3.7588

■ 106.3990, 64.8793,
-89.8039

■ 253.0620, -7.4256,
1.6996

■ 104.0290, 66.0477,
-91.2334

Harmonies

Analogous

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



182.0010, 21.6915, -50.8669



186.7240, 25.2791, -34.8379



191.8950, 22.7298, -10.4319

Triad

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



186.7240, 25.2791, -34.8379



194.6030, -7.6923, 40.6902



185.5300, -14.0653, -15.3738

Complementary

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



186.7240, 25.2791, -34.8379



198.2760, -25.2791, 34.8379

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.



188.8980, -22.1347, 6.2285



186.7240, 25.2791, -34.8379



192.9480, -17.7224, 37.7566

Square

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



186.7240, 25.2791, -34.8379



195.6480, 4.1175, 32.7577



191.4920, -22.9206, 25.0015



182.3130, -1.6333, -36.2315

Rectangle

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



186.7240, 25.2791, -34.8379



194.1530, 18.1656, 6.8818



191.4920, -22.9206, 25.0015



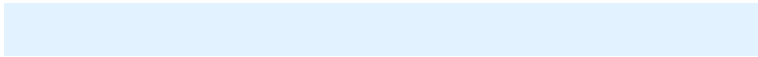
187.0640, -17.2866, -8.8261

Sweetspot

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



186.7240, 25.2791, -34.8379



238.9970, 7.8895, -10.5214



205.0910, -8.4259, -50.9458



118.2210, 4.8210, -6.3328



0.0000, 0.0000, 0.0000



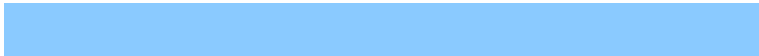
128.0000, 0.0000, 0.0000

Same Dimension

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



186.7240, 25.2791, -34.8379



188.9060, 32.5843, -44.6446



160.3090, 38.3017, -11.6720



112.8900, 3.5052, -4.2885



80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575

Inverse Universe

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



179.9090, 8.4259, 50.9458



180.2790, 10.7085, 65.5303



224.6910, -38.3017, 11.6720



112.2720, 0.8519, 6.7775



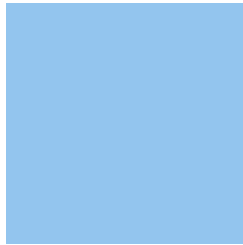
66.5300, 16.9937, 103.0212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 186.7240, 25.2791, -34.8379 looks on a white background.

Color Contrast Check

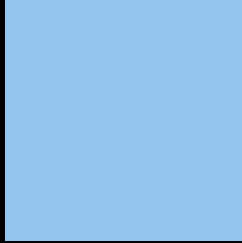
Large Text (above 18pt) WCAG AA × Fail

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 186.7240, 25.2791, -34.8379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

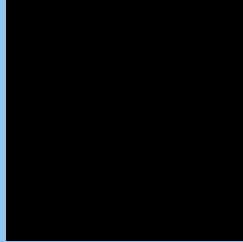
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7240, 25.2791, -34.8379

Background



This preview shows how black text looks on a background with the YUV color 186.7240, 25.2791, -34.8379.



This preview shows how white text looks on a background with the YUV color 186.7240, 25.2791, -34.8379.

-34.8379.

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

186.7240, 25.2791, -34.8379

Protanopia

191.5100, 19.9616, -9.2173

Deuteranopia

192.1450, 23.5925, -7.1432



Tritanopia

185.1830, 15.6858, -37.8715

Trichromacy



Original Color

186.7240, 25.2791, -34.8379

Protanomaly

189.9110, 21.7359, -18.3389

Deuteranomaly

190.4920, 23.9144, -17.0945

Tritanomaly

186.1060, 19.1747, -36.9270

Monochromacy



Original Color

186.7240, 25.2791, -34.8379

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0290, 9.3527, -13.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7240, 25.2791, -34.8379 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(147, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 238)  
}
```

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(147, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 238) }
```

Border

The CSS property to change the border of an element to YUV 186.7240, 25.2791, -34.8379 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

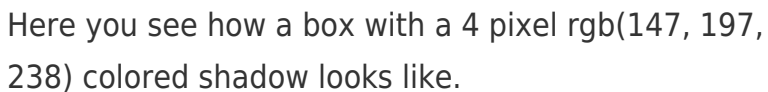
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 197, 238) }
```


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

```
.border{ border-color:rgb(147, 197, 238) }
```

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



Here you see how a box with a 4 pixel rgb(147, 197, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 186.7240, 25.2791, -34.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 238) }
```

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

```
.background{ background-color: rgb(147,  
197, 238) }
```

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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