

Converting Colors

YUV(187.8590, 30.6355,
-26.1863)

Have a look what the booklet for
YUV(187.8590, 30.6355, -26.1863)
contains.

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Color

**YUV(187.8590, 30.6355,
-26.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBFFA
RGB	158, 191, 250
RGB Percent	62%, 75%, 98%
CMY	0.3804, 0.2510, 0.0196
CMYK	0.37, 0.24, 0.00, 0.02
HSL	218°, 90%, 80%
HSV	218°, 37%, 98%
XYZ	49.9867, 51.4328, 97.7354
YIQ	187.8590, -38.6070, 11.3530

Conversions

Conversions Part 2

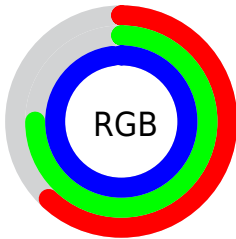
Format	Color
R_{YB}	158, 182, 250
Decimal	10403834
CIE _{Lab}	76.94, 2.99, -32.69
CIE _{LCh}	77, 32.821, 275.220
Yxy	51.4328, 0.2510, 0.2583
Android (android.graphics.Color)	4288593914 (0xFF9EBFFA)
YUV	187.8590, 30.6355, -26.1863
Hunter-Lab	71.7167, -1.0894, -30.5987

Details

The YUV color **187.8590, 30.6355, -26.1863** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **220.1410, -30.6355, 26.1863**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3440, 8.2114, -20.4727**, and **133.8050, 29.1831, -27.0160** is the 20% darker color. If you saturate the color by 10%, you get **170.9920, 38.9509, -33.3190**, and if you desaturate by 10%, it is **204.7260, 22.3201, -19.0537**.

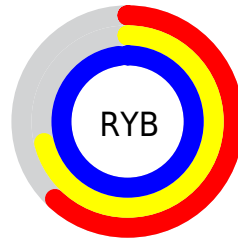
Distribution



Red (62%)

Green (75%)

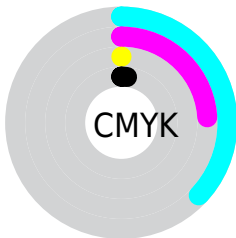
Blue (98%)



Red (62%)

Yellow (71%)

Blue (98%)

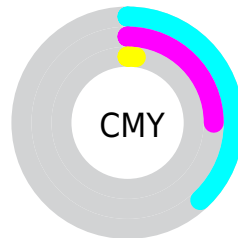


Cyan (37%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8590, 30.6355, -26.1863 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 187.8590, 30.6355, -26.1863 by changing the saturation by 10% instead.

■ 187.8590, 30.6355,
-26.1863

■ 187.8590, 30.6355,
-26.1863

255.0000, 0.0000,
0.0000

■ 160.3320, 29.9093,
-26.6012

■ 238.3440, 8.2114,
-20.4727

■ 133.8050, 29.1831,
-27.0160

■ 251.7110, 1.6215,
-6.7625

■ 107.3920, 28.8937,
-27.5308

■ 81.8540, 28.1730,
-29.6900

■ 54.4400, 29.3631,
-38.0969

■ 35.3870, 26.4312,
-31.0344

■ 20.9110, 21.7359,

-18.3389

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 187.8590, 30.6355,
-26.1863

■ 187.8590, 30.6355,
-26.1863

■ 170.9920, 38.9509,
-33.3190

■ 204.7260, 22.3201,
-19.0537

■ 154.1250, 47.2664,
-40.4516

■ 221.5930, 14.0047,
-11.9211

■ 137.2580, 55.5818,
-47.5843

■ 238.4600, 5.6892,
-4.7884

■ 120.3910, 63.8972,
-54.7169

■ 254.4300, -2.1840,
0.4999

■ 103.5240, 72.2127,
-61.8495

■ 86.6570, 80.5281,
-68.9822

■ 81.3300, 83.1543,
-71.3264

Harmonies

Analogous

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



179.6010, 31.7487, -56.6551



187.8590, 30.6355, -26.1863



193.1190, 23.1123, 6.9116

Triad

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



187.8590, 30.6355, -26.1863



192.3130, -17.9023, 48.8375



179.7060, -7.7431, -36.5762

Complementary

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



187.8590, 30.6355, -26.1863



220.1410, -30.6355, 26.1863

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.



184.5000, -21.9385, -10.0855



187.8590, 30.6355, -26.1863



190.2440, -26.7423, 37.4970

Square

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



187.8590, 30.6355, -26.1863



193.6840, -3.7882, 48.5121



187.8300, -29.0032, 15.9351



175.0200, 9.3571, -61.4075

Rectangle

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



187.8590, 30.6355, -26.1863



194.7640, 14.9063, 25.6400



187.8300, -29.0032, 15.9351



181.2680, -13.4431, -28.2990

Sweetspot

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



187.8590, 30.6355, -26.1863



236.0620, 9.3364, -7.9474



218.6160, -1.2897, -53.1602



116.4600, 5.6892, -4.7884



0.0000, 0.0000, 0.0000



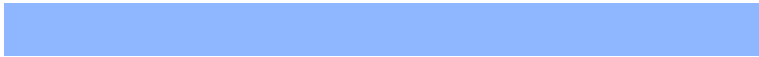
128.0000, 0.0000, 0.0000

Same Dimension

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



187.8590, 30.6355, -26.1863



179.2480, 37.3457, -31.7895



172.0760, 38.4165, -1.8207



116.4170, 4.2314, -3.8737



61.4620, 62.8762, -53.9022



19.8680, 20.2781, -17.4242

Inverse Universe

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



189.2700, 0.8529, 53.2602



181.0480, 0.9623, 64.8559



235.9240, -38.4165, 1.8207



116.4570, 0.2677, 7.4922



64.2630, 1.8423, 109.3943



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 187.8590, 30.6355, -26.1863 looks on a white background.

Color Contrast Check

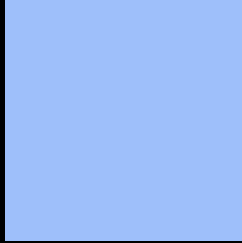
Large Text (above 18pt) WCAG AA × Fail

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 187.8590, 30.6355, -26.1863 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

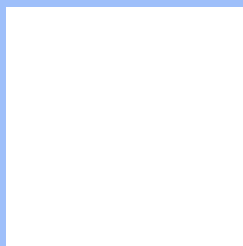
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.8590, 30.6355, -26.1863

Background



This preview shows how black text looks on a background with the YUV color 187.8590, 30.6355, -26.1863.



This preview shows how white text looks on a background with the YUV color 187.8590, 30.6355, -26.1863.

-26.1863.

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

187.8590, 30.6355, -26.1863

Protanopia

189.6540, 28.2716, -14.6056

Deuteranopia

190.4090, 29.8714, -14.3907



Tritanopia

185.0590, 13.7749, -31.6237

Trichromacy



Original Color

187.8590, 30.6355, -26.1863

Protanomaly

188.8600, 29.1560, -18.2942

Deuteranomaly

189.2020, 30.4664, -18.5942

Tritanomaly

185.6770, 19.8792, -29.5347

Monochromacy



Original Color

187.8590, 30.6355, -26.1863

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8590, 30.6355, -26.1863 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(158, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 250)  
}
```

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(158, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 250) }
```

Border

The CSS property to change the border of an element to YUV 187.8590, 30.6355, -26.1863 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(158, 191, 250) }
```


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

```
.border{ border-color:rgb(158, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(158, 191,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 187.8590, 30.6355, -26.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 191, 250) }
```

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

```
.background{ background-color: rgb(158,  
191, 250) }
```

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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