

Converting Colors

YUV(186.7750, 24.7609,
-8.5727)

Have a look what the booklet for
YUV(186.7750, 24.7609, -8.5727)
contains.

YUV(186.7750, 24.7609, -8.5727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.7750, 24.7609,
-8.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B6ED
RGB	177, 182, 237
RGB Percent	69%, 71%, 93%
CMY	0.3059, 0.2863, 0.0706
CMYK	0.25, 0.23, 0.00, 0.07
HSL	235°, 63%, 81%
HSV	235°, 25%, 93%
XYZ	50.1455, 48.9174, 86.9198
YIQ	186.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

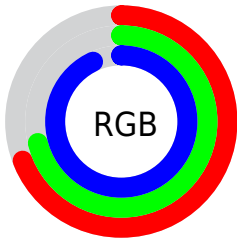
Format	Color
R_{YB}	177, 182, 237
Decimal	11646701
CIE _{Lab}	75.40, 10.05, -27.94
CIE _{LCh}	75, 29.698, 289.786
Yxy	48.9174, 0.2696, 0.2630
Android (android.graphics.Color)	4289836781 (0xFFB1B6ED)
YUV	186.7750, 24.7609, -8.5727
Hunter-Lab	69.9410, 5.5821, -24.7245

Details

The YUV color $186.7750, 24.7609, -8.5727$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.2250, -24.7609, 8.5727$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.4430, 8.1626, -4.7735$, and $133.1340, 23.5979, -8.8875$ is the 20% darker color. If you saturate the color by 10%, you get $166.6850, 34.6653, -12.0017$, and if you desaturate by 10%, it is $206.8650, 14.8566, -5.1436$.

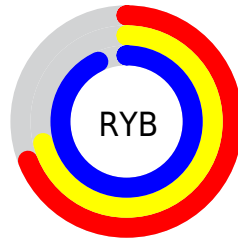
Distribution



Red (69%)

Green (71%)

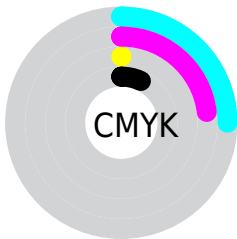
Blue (93%)



Red (69%)

Yellow (71%)

Blue (93%)

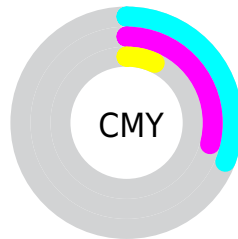


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7750, 24.7609, -8.5727 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 186.7750, 24.7609, -8.5727 by changing the saturation by 10% instead.

■ 186.7750, 24.7609,
-8.5727

■ 186.7750, 24.7609,
-8.5727

255.0000, 0.0000,
0.0000

■ 159.6610, 24.3241,
-8.4727

■ 238.4430, 8.1626,
-4.7735

■ 133.1340, 23.5979,
-8.8875

■ 107.6070, 22.8717,
-9.3023

■ 83.0800, 22.1456,
-9.7172

■ 59.2540, 21.5668,
-10.7468

■ 36.3030, 20.5566,
-13.4207

■ 15.0750, 19.6830,

-13.2208

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 186.7750, 24.7609,
-8.5727

■ 186.7750, 24.7609,
-8.5727

■ 166.6850, 34.6653,
-12.0017

■ 206.8650, 14.8566,
-5.1436

■ 147.4810, 44.1329,
-15.3308

■ 226.0690, 5.3890,
-1.8145

■ 127.3910, 54.0372,
-18.7599

■ 246.1590, -4.5154,
1.6146

■ 107.3010, 63.9416,
-22.1890

■ 252.9480, -7.8624,
1.7996

■ 87.2110, 73.8460,
-25.6180

■ 68.0070, 83.3135,
-28.9471

■ 47.9170, 93.2179,
-32.3762

■ 38.7580, 97.7333,
-33.9908

Harmonies

Analogous

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



180.6250, 28.7789, -37.3821



186.7750, 24.7609, -8.5727



190.1330, 15.2174, 19.1774

Triad

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



186.7750, 24.7609, -8.5727



187.4600, -20.9328, 40.8156



174.7250, 0.1356, -43.6088

Complementary

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



186.7750, 24.7609, -8.5727



227.2250, -24.7609, 8.5727

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.



179.0840, -14.3384, -21.1217



186.7750, 24.7609, -8.5727



185.2810, -26.2675, 25.1866

Square

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



186.7750, 24.7609, -8.5727



188.6530, -10.1819, 45.9083



182.7190, -24.0185, 3.7544



171.9260, 15.3195, -60.4481

Rectangle

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



186.7750, 24.7609, -8.5727



190.1580, 7.3171, 33.1874



182.7190, -24.0185, 3.7544



175.8030, -4.8329, -36.6612

Sweetspot

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



186.7750, 24.7609, -8.5727



237.8670, 8.4466, -2.5144



218.4900, 6.6604, -36.3867



117.0690, 5.3890, -1.8145



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.



186.7750, 24.7609, -8.5727



191.1860, 31.4603, -10.6871



191.3150, 22.5227, 9.3707



107.8410, 4.5154, -1.6146



29.4390, 74.7196, -25.8180



8.5040, 22.4295, -7.4580

Inverse Universe

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



195.5100, -6.6604, 36.3867



202.4080, -8.5821, 46.1232



222.6850, -22.5227, -9.3707



109.4030, -1.1847, 6.6626



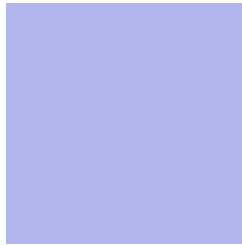
55.8290, -20.1287, 109.7750



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 186.7750, 24.7609, -8.5727 looks on a white background.

Color Contrast Check

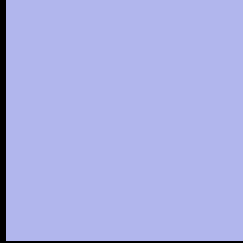
Large Text (above 18pt) WCAG AA × Fail

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 186.7750, 24.7609, -8.5727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

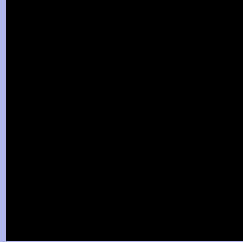
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7750, 24.7609, -8.5727

Background



This preview shows how black text looks on a background with the YUV color 186.7750, 24.7609, -8.5727.



This preview shows how white text looks on a background with the YUV color 186.7750, 24.7609, -8.5727.

-8.5727.

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

186.7750, 24.7609, -8.5727

Protanopia

185.6820, 25.7928, -12.8761

Deuteranopia

186.7750, 24.7609, -8.5727



Tritanopia

184.3280, 9.2053, -12.5657

Trichromacy



Original Color

186.7750, 24.7609, -8.5727

Protanomaly

186.2800, 25.4980, -11.6466

Deuteranomaly

186.7750, 24.7609, -8.5727

Tritanomaly

185.4190, 14.5834, -10.8915

Monochromacy



Original Color

186.7750, 24.7609, -8.5727

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6820, 9.0308, -3.2291

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7750, 24.7609, -8.5727 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(177, 182, 237)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 237)  
}
```

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(177, 182, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 237) }
```

Border

The CSS property to change the border of an element to YUV 186.7750, 24.7609, -8.5727 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(177, 182, 237) }
```


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

```
.border{ border-color:rgb(177, 182, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 182, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 237);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 186.7750, 24.7609, -8.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 237) }
```

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

```
.background{ background-color: rgb(177,  
182, 237) }
```

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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