

# Converting Colors

YUV(202.2690, 25.5034,  
-13.3909)

Have a look what the booklet for  
YUV(202.2690, 25.5034, -13.3909)  
contains.

<b>YUV(202.2690, 25.5034, -13.3909)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(202.2690, 25.5034,  
-13.3909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC8FE
RGB	187, 200, 254
RGB Percent	73%, 78%, 100%
CMY	0.2667, 0.2157, 0.0039
CMYK	0.26, 0.21, 0.00, 0.00
HSL	228°, 97%, 86%
HSV	228°, 26%, 100%
XYZ	59.0372, 59.0291, 102.0481
YIQ	202.2690, -25.0820, 14.0380

# Conversions

## Conversions Part 2

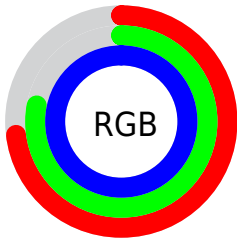
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 198, 254
Decimal	12306686
CIE <sub>Lab</sub>	81.31, 7.18, -27.95
CIE <sub>LCh</sub>	81, 28.861, 284.410
Yxy	59.0291, 0.2682, 0.2682
Android (android.graphics.Color)	4290496766 (0xFFBBC8FE)
YUV	202.2690, 25.5034, -13.3909
Hunter-Lab	76.8304, 2.7078, -24.9692

# Details

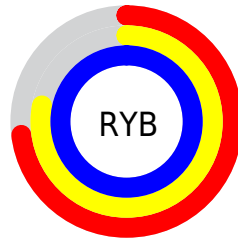
The YUV color **202.2690, 25.5034, -13.3909** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.7310, -25.5034, 13.3909**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, 1.6215, -6.7625**, and **147.6280, 24.3404, -13.7058** is the 20% darker color. If you saturate the color by 10%, you get **183.0540, 34.9764, -18.4644**, and if you desaturate by 10%, it is **221.4840, 16.0304, -8.3175**.

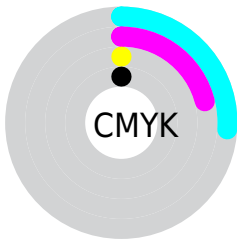
# Distribution



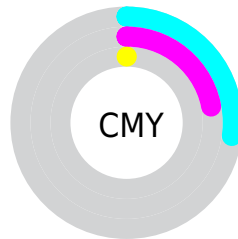
- Red (73%)
- Green (78%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.2690, 25.5034, -13.3909 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 202.2690, 25.5034, -13.3909 by changing the saturation by 10% instead.



■ 202.2690, 25.5034,  
-13.3909

■ 202.2690, 25.5034,  
-13.3909

255.0000, 0.0000,  
0.0000

■ 174.7420, 24.7772,  
-13.8057

■ 251.7110, 1.6215,  
-6.7625

■ 147.6280, 24.3404,  
-13.7058

■ 122.1010, 23.6142,  
-14.1206

■ 96.5740, 22.8880,  
-14.5354

■ 72.0470, 22.1618,  
-14.9502

■ 48.6230, 21.8779,  
-17.2094

■ 24.8890, 21.7467,

-21.8277

■ 7.0050, 19.2245,  
-6.1434

■ 3.4370, 10.6306,  
-3.0142

■ 202.2690, 25.5034,  
-13.3909

■ 202.2690, 25.5034,  
-13.3909

■ 183.0540, 34.9764,  
-18.4644

■ 221.4840, 16.0304,  
-8.3175

■ 162.9530, 44.8862,  
-23.6378

■ 241.5850, 6.1206,  
-3.1440

■ 143.7380, 54.3592,  
-28.7112

254.8860, -0.4368,  
0.1000

■ 123.6370, 64.2690,  
-33.8846

■ 104.4220, 73.7420,  
-38.9581

■ 84.6200, 83.5043,  
-43.5167

■ 65.1060, 93.1247,  
-49.2050

■ 57.7190, 96.7665,  
-50.6196

# Harmonies

## Analogous

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



196.3750, 27.9161, -40.6709



202.2690, 25.5034, -13.3909



205.9690, 17.2703, 14.0592

# Triad

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



202.2690, 25.5034, -13.3909



203.9270, -19.1910, 42.1600



192.3620, -2.6435, -38.9055

# Complementary

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



202.2690, 25.5034, -13.3909



238.7310, -25.5034, 13.3909

# 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.



196.2480, -16.3913, -16.0035



202.2690, 25.5034, -13.3909



201.8300, -25.5522, 29.0901

# Square

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



202.2690, 25.5034, -13.3909



205.3260, -7.5557, 43.5641



198.9260, -24.6135, 7.9579



189.4490, 12.1036, -55.6448



# Rectangle

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



202.2690, 25.5034, -13.3909



206.7060, 9.5119, 29.1988



198.9260, -24.6135, 7.9579



193.4400, -7.6119, -31.9579

# Sweetspot

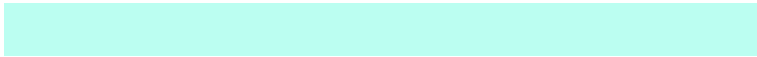
The Sweet Spot groups the original color and five complimentary colors.



202.2690, 25.5034, -13.3909



239.6280, 7.5784, -4.0588



232.4850, 4.1979, -39.8903



117.6560, 5.0996, -2.3293



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.



202.2690, 25.5034, -13.3909



191.7400, 31.1872, -16.4350



200.6180, 26.3173, 5.5970



117.6560, 5.0996, -2.3293



43.4930, 72.7210, -38.1434



14.3400, 24.4824, -12.5762



# Inverse Universe

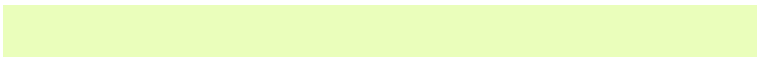
The Inverse Universe completely reimagines the original color for something new.



208.5150, -4.1979, 39.8903



199.3420, -5.0986, 48.8121



240.3820, -26.3173, -5.5970



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460



# Previews

## White Background



This preview shows how the YUV color 202.2690, 25.5034, -13.3909 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

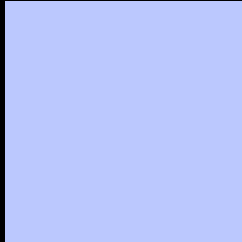
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.2690, 25.5034, -13.3909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

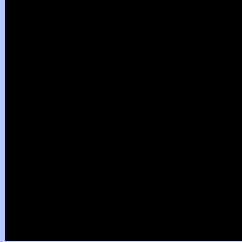
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 202.2690, 25.5034, -13.3909

## Background



This preview shows how black text looks on a background with the YUV color 202.2690, 25.5034, -13.3909.



This preview shows how white text looks on a background with the YUV color 202.2690, 25.5034, -13.3909.

-13.3909.

# 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

202.2690, 25.5034, -13.3909

### Protanopia

202.5680, 25.3560, -12.7761

### Deuteranopia

203.1880, 25.0503, -8.0579



## Tritanopia

200.3490, 10.6739, -16.9691

# Trichromacy



## Original Color

202.2690, 25.5034, -13.3909

## Protanomaly

202.5680, 25.3560, -12.7761

## Deuteranomaly

202.8780, 25.2031, -10.4170

## Tritanomaly

201.1410, 16.1995, -15.9097

# Monochromacy



## Original Color

202.2690, 25.5034, -13.3909

## Achromatopsia

202.0000, 0.0000, 0.0000

## Achromatomaly

202.0840, 9.3256, -4.4587

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.2690, 25.5034, -13.3909 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(187, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 200, 254)  
}
```

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(187, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 200, 254) }
```

## Border

The CSS property to change the border of an element to YUV 202.2690, 25.5034, -13.3909 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(187, 200, 254) }
```



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

```
.border{ border-color:rgb(187, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(187, 200,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 202.2690, 25.5034, -13.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 200, 254) }
```

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

```
.background{ background-color: rgb(187,  
200, 254) }
```

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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