

# Converting Colors

YUV(188.6200, 26.3163,  
-40.8857)

Have a look what the booklet for  
YUV(188.6200, 26.3163, -40.8857)  
contains.

<b>YUV(188.6200, 26.3163, -40.8857)</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(188.6200, 26.3163,  
-40.8857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ECAF2
RGB	142, 202, 242
RGB Percent	56%, 79%, 95%
CMY	0.4431, 0.2078, 0.0510
CMYK	0.41, 0.17, 0.00, 0.05
HSL	204°, 79%, 75%
HSV	204°, 41%, 95%
XYZ	48.3029, 54.4026, 91.9593
YIQ	188.6200, -48.6000, -0.2800

# Conversions

## Conversions Part 2

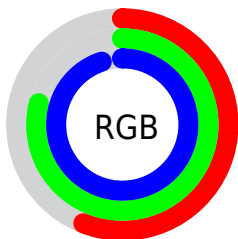
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 180, 242
Decimal	9358066
CIE <sub>Lab</sub>	78.70, -9.16, -25.78
CIE <sub>LCh</sub>	79, 27.361, 250.431
Yxy	54.4026, 0.2481, 0.2795
Android (android.graphics.Color)	4287548146 (0xFF8ECA <sub>F2</sub> )
YUV	188.6200, 26.3163, -40.8857
Hunter-Lab	73.7582, -12.1804, -22.2902

# Details

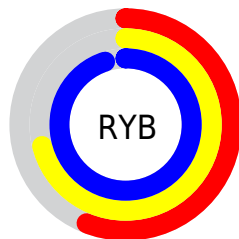
The YUV color **188.6200, 26.3163, -40.8857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **195.3800, -26.3163, 40.8857**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **133.7940, 25.7376, -41.9153** is the 20% darker color. If you saturate the color by 10%, you get **175.5740, 32.7480, -50.4924**, and if you desaturate by 10%, it is **201.6660, 19.8847, -31.2791**.

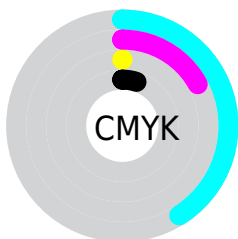
# Distribution



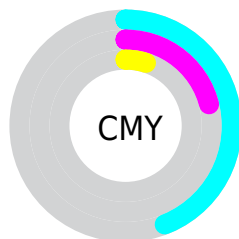
- Red (56%)
- Green (79%)
- Blue (95%)



- Red (56%)
- Yellow (71%)
- Blue (95%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (21%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.6200, 26.3163, -40.8857 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 188.6200, 26.3163, -40.8857 by changing the saturation by 10% instead.



■ 188.6200, 26.3163,  
-40.8857

■ 188.6200, 26.3163,  
-40.8857

255.0000, 0.0000,  
0.0000

■ 161.2070, 26.0269,  
-41.4005

■ 238.2560, 8.2548,  
-34.4275

■ 133.7940, 25.7376,  
-41.9153

■ 246.9270, 3.9800,  
-16.5990

■ 106.7830, 25.7430,  
-43.6597

■ 78.6790, 26.7803,  
-49.7075

■ 55.6360, 25.3225,  
-48.7928

■ 39.3990, 21.4953,  
-34.5529

■ 24.3360, 17.0894,

-21.3427

■ 5.5060, 16.0195,  
-4.8288

■ 2.2970, 6.2626,  
-2.0145

■ 188.6200, 26.3163,  
-40.8857

■ 188.6200, 26.3163,  
-40.8857

■ 175.5740, 32.7480,  
-50.4924

■ 201.6660, 19.8847,  
-31.2791

■ 163.1150, 38.8903,  
-60.6139

■ 214.1250, 13.7424,  
-21.1576

■ 149.7700, 45.4694,  
-70.8353

■ 227.4700, 7.1633,  
-10.9362

■ 136.7240, 51.9011,  
-80.4419

■ 240.5160, 0.7316,  
-1.3295

■ 124.2650, 58.0434,  
-90.5634

■ 250.5830, -4.2314,  
3.8737

■ 112.7030, 63.7434,  
-98.8405

■ 253.5180, -5.6784,  
1.2997

# Harmonies

## Analogous

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



183.8650, 21.2656, -54.2556



188.6200, 26.3163, -40.8857



194.3180, 24.4932, -16.0649

# Triad

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



188.6200, 26.3163, -40.8857



198.1840, -5.5137, 41.9346



189.4550, -16.9863, -11.8000

# Complementary

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



188.6200, 26.3163, -40.8857



195.3800, -26.3163, 40.8857

# 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.



192.5780, -23.4560, 10.0171



188.6200, 26.3163, -40.8857



196.8990, -16.7122, 40.4306

# Square

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



188.6200, 26.3163, -40.8857



198.9190, 6.4489, 31.6430



194.6990, -23.5156, 29.2050



186.2270, -4.5489, -34.4021



# Rectangle

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



188.6200, 26.3163, -40.8857



197.1030, 20.6552, 1.6637



194.6990, -23.5156, 29.2050



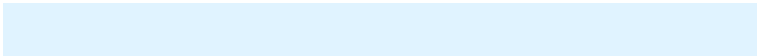
190.7010, -20.0656, -4.1228

# Sweetspot

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



188.6200, 26.3163, -40.8857



238.6870, 8.0423, -12.8805



205.2600, -11.4672, -55.4790



117.9220, 4.9685, -6.9476



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

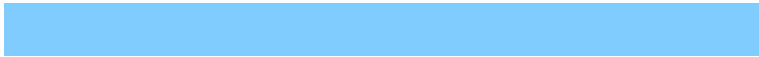


# Same Dimension

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



188.6200, 26.3163, -40.8857



187.0900, 33.4796, -51.8219



159.2700, 40.7859, -15.1458



113.4770, 3.2158, -4.8033



85.5460, 48.5378, -75.0238



26.3420, 14.6214, -23.1019



# Inverse Universe

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



178.7400, 11.4672, 55.4790



174.6370, 14.4760, 70.4784



224.7300, -40.7859, 15.1458



112.3860, 1.2887, 6.6775



67.5560, 20.9249, 102.1214

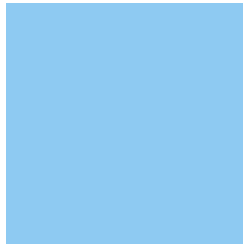


20.6200, 6.5963, 31.0283



# Previews

## White Background



This preview shows how the YUV color 188.6200, 26.3163, -40.8857 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

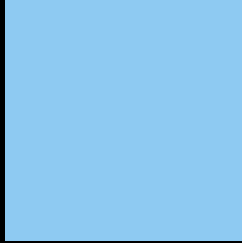
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.6200, 26.3163, -40.8857 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

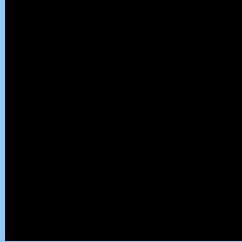
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.6200, 26.3163, -40.8857

## Background



This preview shows how black text looks on a background with the YUV color 188.6200, 26.3163, -40.8857.



This preview shows how white text looks on a background with the YUV color 188.6200, 26.3163, -40.8857.



# 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

188.6200, 26.3163, -40.8857

### Protanopia

194.8090, 19.8142, -8.6025

### Deuteranopia

195.3730, 24.4661, -7.3431



## Tritanopia

186.6060, 17.4492, -43.5045

# Trichromacy



**Original Color**

188.6200, 26.3163, -40.8857

**Protanomaly**

192.7150, 22.3255, -20.7981

**Deuteranomaly**

192.8230, 25.2303, -19.1388

**Tritanomaly**

187.4150, 20.5014, -42.4600

# Monochromacy



**Original Color**

188.6200, 26.3163, -40.8857

**Achromatopsia**

189.0000, 0.0000, 0.0000

**Achromatomaly**

189.0180, 9.3581, -14.9248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.6200, 26.3163, -40.8857 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(142, 202, 242)` looks like.

```
.text, #text, p{  
    color:rgb(142, 202, 242)  
}
```

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(142, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 202, 242) }
```

## Border

The CSS property to change the border of an element to YUV 188.6200, 26.3163, -40.8857 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(142, 202, 242) }
```



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

```
.border{ border-color:rgb(142, 202, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(142, 202,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 188.6200, 26.3163, -40.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 202, 242) }
```

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

```
.background{ background-color: rgb(142,  
202, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor