

Converting Colors

YUV(185.4270, -91.4155,
61.0155)

Have a look what the booklet for
YUV(185.4270, -91.4155, 61.0155)
contains.

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Color

**YUV(185.4270, -91.4155,
61.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA00
RGB	255, 186, 0
RGB Percent	100%, 73%, 0%
CMY	0.0000, 0.2706, 1.0000
CMYK	0.00, 0.27, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	58.7989, 56.3778, 7.7830
YIQ	185.4270, 100.8300, -43.2180

Conversions

Conversions Part 2

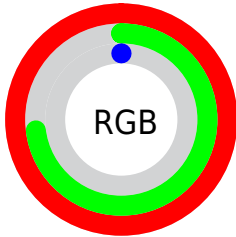
Format	Color
R _Y B	95, 255, 0
Decimal	16759296
CIE Lab	79.83, 12.98, 82.22
CIE LCh	80, 83.238, 81.026
Yxy	56.3778, 0.4782, 0.4585
Android (android.graphics.Color)	4294949376 (0xFFFFBA00)
YUV	185.4270, -91.4155, 61.0155
Hunter-Lab	75.0852, 8.3836, 46.4139

Details

The YUV color **185.4270, -91.4155, 61.0155** is a dark color, and the websafe version is hex **FFCC00**, and the color name is [selective yellow](#). The color can be described as middle saturated orange. A complement of this color would be **69.5730, 91.4155, -61.0155**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7610, -71.3672, 23.8886**, and **135.4790, -66.7911, 49.5689** is the 20% darker color. If you saturate the color by 10%, you get **185.4270, -91.4155, 61.0155**, and if you desaturate by 10%, it is **192.3860, -82.5213, 54.9125**.

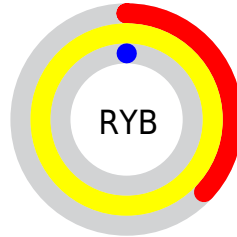
Distribution



Red (100%)

Green (73%)

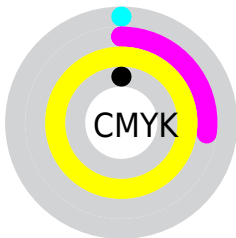
Blue (0%)



Red (37%)

Yellow (100%)

Blue (0%)

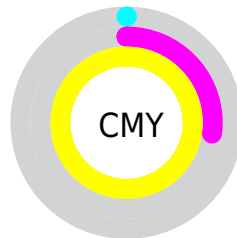


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4270, -91.4155, 61.0155 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 185.4270, -91.4155, 61.0155 by changing the saturation by 10% instead.

185.4270,
-91.4155, 61.0155

185.4270,
-91.4155, 61.0155

255.0000, 0.0000,
0.0000

160.3090,
-79.0323, 55.8570

227.7610,
-71.3672, 23.8886

135.4790,
-66.7911, 49.5689

238.8120,
-62.0253, 14.1969

111.8340,
-55.1342, 43.9956

242.0040,
-49.7950, 11.3975

88.7760, -43.7666,
37.9074

245.3100,
-37.1278, 8.4981

66.6040, -32.8358,
31.9193

248.6160,
-24.4607, 5.5988

45.3180, -22.3418,
26.0311

252.0360,

25.8040, -12.7214,

-11.3567, 2.5994

20.3429

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 185.4270,
-91.4155, 61.0155

■ 192.3860,
-82.5213, 54.9125

■ 199.4590,
-73.1903, 48.7095

■ 206.5320,
-63.8593, 42.5064

■ 213.4910,
-54.9651, 36.4034

■ 220.5640,
-45.6341, 30.2004

■ 226.9360,
-36.4504, 24.6121

■ 234.0090,
-27.1194, 18.4091

■ 240.9680,
-18.2252, 12.3061

■ 248.0410, -8.8942,
6.1030

Harmonies

Analogous

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



174.8340, -48.2322, 70.3056



185.4270, -91.4155, 61.0155



179.8110, -80.7588, 2.7968

Triad

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



185.4270, -91.4155, 61.0155



166.0860, 42.3556, -145.6574



194.5390, 29.8073, 53.0243

Complementary

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



185.4270, -91.4155, 61.0155



69.5730, 91.4155, -61.0155

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.



183.3900, 35.3037, -30.1600



185.4270, -91.4155, 61.0155



163.4930, 45.1130, -143.3834

Square

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



185.4270, -91.4155, 61.0155



155.6780, 7.5537, -136.5296



154.6880, 49.4538, -135.6614



173.5090, 25.3851, 71.4676

Rectangle

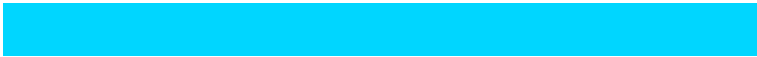
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.4270, -91.4155, 61.0155



174.0710, -51.8000, -45.6663



154.6880, 49.4538, -135.6614



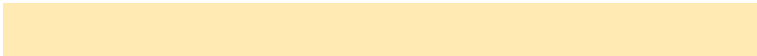
196.2010, 28.9879, 35.7807

Sweetspot

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



185.4270, -91.4155, 61.0155



234.0090, -27.1194, 18.4091



84.4530, -6.1393, 149.5697



115.1250, -16.3306, 11.2914



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.



185.4270, -91.4155, 61.0155



209.4850, -103.2761, -8.3183



124.1700, -4.5208, 3.3589



138.7020, -68.3801, 45.8653



46.7250, -23.0354, 15.1502

Inverse Universe

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



69.5730, 91.4155, -61.0155



45.5150, 103.2761, 8.3183



118.2430, 4.8102, -2.8441



52.2980, 68.3801, -45.8653



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 185.4270, -91.4155, 61.0155 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 185.4270, -91.4155, 61.0155 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 185.4270, -91.4155, 61.0155 Background



This preview shows how black text looks on a background with the YUV color 185.4270, -91.4155, 61.0155.

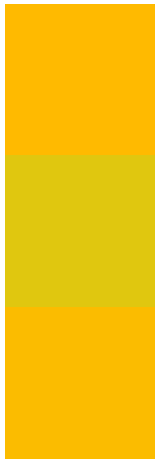


This preview shows how white text looks on a background with the YUV color 185.4270, -91.4155, 61.0155.

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

185.4270, -91.4155, 61.0155

Protanopia

185.4990, -84.0560, 33.7654

Deuteranopia

185.4050, -91.4047, 57.5268



Tritanopia

201.5760, -6.6930, 46.8528

Trichromacy



Original Color

185.4270, -91.4155, 61.0155

Protanomaly

185.2830, -86.4145, 43.6018

Deuteranomaly

185.1170, -91.2627, 58.6564

Tritanomaly

195.5850, -37.2634, 52.1070

Monochromacy



Original Color

185.4270, -91.4155, 61.0155

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8370, -32.9506, 22.0680

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4270, -91.4155, 61.0155 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(255, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 0)  
}
```

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(255, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 0) }
```

Border

The CSS property to change the border of an element to YUV 185.4270, -91.4155, 61.0155 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(255, 186, 0) }
```

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

```
.border{ border-color:rgb(255, 186, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 185.4270, -91.4155, 61.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 0) }
```

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

```
.background{ background-color: rgb(255,  
186, 0) }
```

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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