

Converting Colors

YUV(184.2530, -90.8367,
62.0451)

Have a look what the booklet for
YUV(184.2530, -90.8367, 62.0451)
contains.

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Color

**YUV(184.2530, -90.8367,
62.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB800
RGB	255, 184, 0
RGB Percent	100%, 72%, 0%
CMY	0.0000, 0.2784, 1.0000
CMYK	0.00, 0.28, 1.00, 0.00
HSL	43°, 100%, 50%
HSV	43°, 100%, 100%
XYZ	58.3805, 55.5410, 7.6435
YIQ	184.2530, 101.3800, -42.1720

Conversions

Conversions Part 2

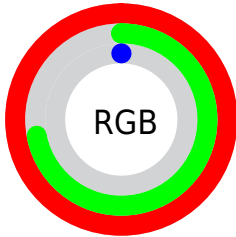
Format	Color
R _Y B	98, 255, 0
Decimal	16758784
CIE Lab	79.35, 14.02, 81.90
CIE LCh	79, 83.088, 80.283
Yxy	55.5410, 0.4802, 0.4569
Android (android.graphics.Color)	4294948864 (0xFFFFB800)
YUV	184.2530, -90.8367, 62.0451
Hunter-Lab	74.5258, 9.4094, 46.0872

Details

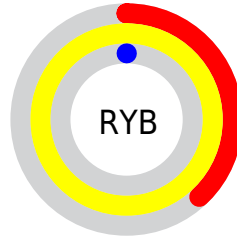
The YUV color **184.2530, -90.8367, 62.0451** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **70.7470, 90.8367, -62.0451**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5870, -70.7884, 24.9182**, and **134.3050, -66.2124, 50.5985** is the 20% darker color. If you saturate the color by 10%, you get **184.2530, -90.8367, 62.0451**, and if you desaturate by 10%, it is **191.2120, -81.9425, 55.9421**.

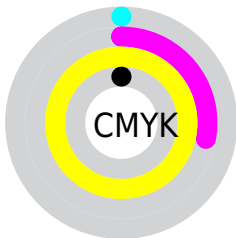
Distribution



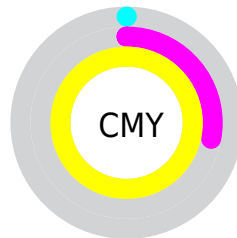
- Red (100%)
- Green (72%)
- Blue (0%)



- Red (38%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.2530, -90.8367, 62.0451 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 184.2530, -90.8367, 62.0451 by changing the saturation by 10% instead.

184.2530,
-90.8367, 62.0451

184.2530,
-90.8367, 62.0451

255.0000, 0.0000,
0.0000

158.8360,
-78.3061, 56.2718

226.5870,
-70.7884, 24.9182

134.3050,
-66.2124, 50.5985

238.6980,
-62.4621, 14.2969

110.6600,
-54.5554, 45.0252

242.0040,
-49.7950, 11.3975

87.6020, -43.1878,
38.9370

245.3100,
-37.1278, 8.4981

65.4300, -32.2570,
32.9489

248.6160,
-24.4607, 5.5988

44.7310, -22.0524,
26.5459

251.9220,

24.6300, -12.1426,

-11.7935, 2.6994

21.3725

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 184.2530,
-90.8367, 62.0451

■ 191.2120,
-81.9425, 55.9421

■ 198.2850,
-72.6115, 49.7391

■ 205.3580,
-63.2805, 43.5360

■ 212.3170,
-54.3863, 37.4330

■ 219.9770,
-45.3447, 30.7152

■ 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.



173.6600, -47.6534, 71.3352



184.2530, -90.8367, 62.0451



178.9530, -82.8008, 4.4262

Triad

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



184.2530, -90.8367, 62.0451



164.4560, 41.1872, -144.2279



193.9520, 30.0967, 53.5391

Complementary

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



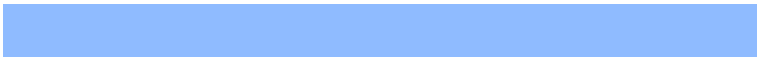
184.2530, -90.8367, 62.0451



70.7470, 90.8367, -62.0451

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.



181.5960, 36.1882, -33.8487



184.2530, -90.8367, 62.0451



162.3190, 45.6917, -142.3538

Square

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



184.2530, -90.8367, 62.0451



154.7490, 6.5327, -135.7149



154.1010, 49.7432, -135.1466



172.9220, 25.6745, 71.9824

Rectangle

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



184.2530, -90.8367, 62.0451



173.1530, -52.8264, -43.1072



154.1010, 49.7432, -135.1466



195.0050, 29.5775, 33.3216

Sweetspot

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



184.2530, -90.8367, 62.0451



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.



184.2530, -90.8367, 62.0451



209.4850, -103.2761, -8.3183



124.1700, -4.5208, 3.3589



138.1150, -68.0907, 46.3801



46.1380, -22.7460, 15.6650

Inverse Universe

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



70.7470, 90.8367, -62.0451



45.5150, 103.2761, 8.3183



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 184.2530, -90.8367, 62.0451 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 184.2530, -90.8367, 62.0451 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 184.2530, -90.8367, 62.0451 Background



This preview shows how black text looks on a background with the YUV color 184.2530, -90.8367, 62.0451.



This preview shows how white text looks on a background with the YUV color 184.2530, -90.8367,

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

184.2530, -90.8367, 62.0451

Protanopia

183.7270, -83.1824, 33.5654

Deuteranopia

184.2200, -90.8205, 56.8121



Tritanopia

200.1740, -6.9878, 48.0824

Trichromacy



Original Color

184.2530, -90.8367, 62.0451

Protanomaly

183.8100, -85.6883, 44.0166

Deuteranomaly

184.2310, -90.8259, 58.5564

Tritanomaly

194.1830, -37.5582, 53.3365

Monochromacy



Original Color

184.2530, -90.8367, 62.0451

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.1360, -33.0980, 22.6827

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.2530, -90.8367, 62.0451 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, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 0) }
```

Border

The CSS property to change the border of an element to YUV 184.2530, -90.8367, 62.0451 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, 184, 0) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 184.2530, -90.8367, 62.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 0) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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