

Converting Colors

YUV(200.5650, -64.3685,
-27.6825)

Have a look what the booklet for
YUV(200.5650, -64.3685, -27.6825)
contains.

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Color

**YUV(200.5650, -64.3685,
-27.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F246
RGB	169, 242, 70
RGB Percent	66%, 95%, 27%
CMY	0.3373, 0.0510, 0.7255
CMYK	0.30, 0.00, 0.71, 0.05
HSL	85°, 87%, 61%
HSV	85°, 71%, 95%
XYZ	49.2198, 72.3815, 17.1712
YIQ	200.5650, 11.7040, -68.9680

Conversions

Conversions Part 2

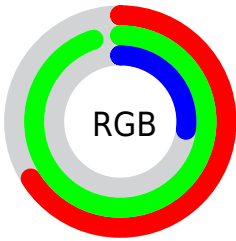
Format	Color
RYB	70, 242, 143
Decimal	11137606
CIELab	88.15, -47.41, 71.52
CIELCh	88, 85.807, 123.543
Yxy	72.3815, 0.3547, 0.5216
Android (android.graphics.Color)	4289327686 (0xFFA9F246)
YUV	200.5650, -64.3685, -27.6825
Hunter-Lab	85.0773, -45.6176, 47.5876

Details

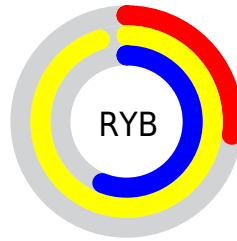
The YUV color $200.5650, -64.3685, -27.6825$ is a light color, and the websafe version is hex $CCFF66$. The color can be described as light washed chartreuse. A complement of this color would be $111.4350, 64.3685, 27.6825$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.4490, -51.4934, -3.9018$, and $141.7840, -69.8995, -26.9976$ is the 20% darker color. If you saturate the color by 10%, you get $194.8390, -73.3776, -31.4308$, and if you desaturate by 10%, it is $206.2910, -55.3595, -23.9342$.

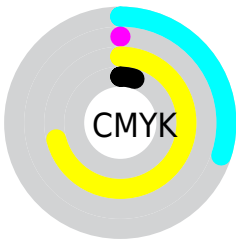
Distribution



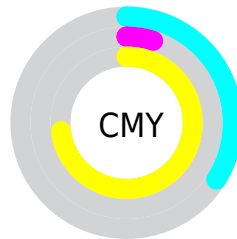
- Red (66%)
- Green (95%)
- Blue (27%)



- Red (27%)
- Yellow (95%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (71%)
- Black (5%)



- Cyan (34%)
- Magenta (5%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5650, -64.3685, -27.6825 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 200.5650, -64.3685, -27.6825 by changing the saturation by 10% instead.

■ 200.5650,
-64.3685, -27.6825

■ 200.5650,
-64.3685, -27.6825

■ 255.0000, 0.0000,
0.0000

■ 171.1090,
-66.1157, -27.2826

■ 232.4490,
-51.4934, -3.9018

■ 141.7840,
-69.8995, -26.9976

■ 243.7140,
-43.2430, 9.8978

■ 117.2640,
-57.8112, -30.9265

■ 247.0200,
-30.5759, 6.9985

■ 92.4340, -45.5700,
-37.2146

■ 250.3260,
-17.9087, 4.0991

■ 64.3150, -31.7073,
-50.2653

■ 253.7460, -4.8048,
1.0998

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,

-29.3435

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 200.5650,
-64.3685, -27.6825

■ 200.5650,
-64.3685, -27.6825

■ 194.8390,
-73.3776, -31.4308

■ 206.2910,
-55.3595, -23.9342


■ 188.8140,
-82.2393, -35.7939


■ 212.3160,
-46.4978, -19.5711

■ 183.6150,
-90.5222, -39.1274


■ 218.1560,
-37.0519, -15.9228


■ 223.8820,
-28.0428, -12.1745

 229.6080,
-19.0337, -8.4262

 235.6330,
-10.1721, -4.0631

 241.3590, -1.1630,
-0.3148

 246.1730, 4.3517,
4.2333

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



207.4090, -90.9136, 39.9833



200.5650, -64.3685, -27.6825



165.5140, -10.6064, -145.1558

Triad

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



200.5650, -64.3685, -27.6825



174.6460, 39.6145, -153.1645



182.9350, 15.8080, 63.2010

Complementary

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



200.5650, -64.3685, -27.6825



111.4350, 64.3685, 27.6825

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.



198.6480, 27.7815, 49.4207



200.5650, -64.3685, -27.6825



162.9060, 45.4023, -142.8686

Square

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



200.5650, -64.3685, -27.6825



178.7550, 37.5888, -156.7681



213.5010, 20.4590, 17.9776



183.2070, -23.7661, 62.9625

Rectangle

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



200.5650, -64.3685, -27.6825



172.4850, 13.5649, -151.2693



213.5010, 20.4590, 17.9776



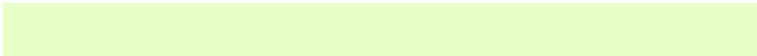
187.7740, 26.7334, 58.9572

Sweetspot

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



200.5650, -64.3685, -27.6825



241.9670, -20.1967, -8.7411



163.6920, -46.1902, 68.6761



120.1660, -11.9138, -5.4076



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.



200.5650, -64.3685, -27.6825



202.7540, -81.2237, -34.8643



175.1500, -51.8390, -79.9386



117.1370, -4.5045, -1.8741



139.7020, -68.8731, -29.5567



42.4400, -20.9229, -9.1559

Inverse Universe

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



111.4350, 64.3685, 27.6825



90.2460, 81.2237, 34.8643



136.8500, 51.8390, 79.9386



110.8630, 4.5045, 1.8741



44.2980, 68.8731, 29.5567



13.5600, 20.9229, 9.1559

Previews

White Background



This preview shows how the YUV color 200.5650, -64.3685, -27.6825 looks on a white background.

Color Contrast Check

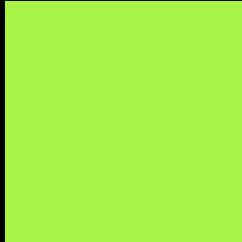
Large Text (above 18pt) WCAG AA × Fail

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 200.5650, -64.3685, -27.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

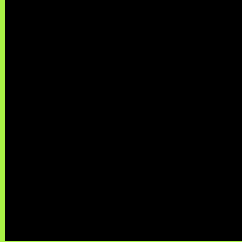
Any Text WCAG AA ✓ Pass

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 200.5650, -64.3685, -27.6825 Background



This preview shows how black text looks on a background with the YUV color 200.5650, -64.3685, -27.6825.



This preview shows how white text looks on a background with the YUV color 200.5650, -64.3685, -27.6825.

-27.6825.

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

200.5650, -64.3685, -27.6825

Protanopia

210.8760, -72.4099, 31.6807

Deuteranopia

219.4190, -32.2516, 31.2045



Tritanopia

217.5870, 13.0216, -23.3168

Trichromacy



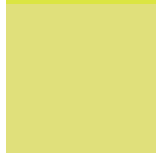
Original Color

200.5650, -64.3685, -27.6825



Protanomaly

207.4280, -69.7240, 10.1486



Deuteranomaly

212.4860, -44.1166, 10.0978



Tritanomaly

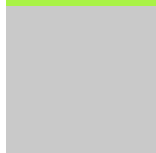
211.5350, -15.0538, -25.0252

Monochromacy



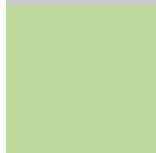
Original Color

200.5650, -64.3685, -27.6825



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.7450, -23.5383, -10.3004

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5650, -64.3685, -27.6825 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(169, 242, 70)` looks like.

```
.text, #text, p{  
    color:rgb(169, 242, 70)  
}
```

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(169, 242, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 70) }
```

Border

The CSS property to change the border of an element to YUV 200.5650, -64.3685, -27.6825 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(169, 242, 70) }
```


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

```
.border{ border-color:rgb(169, 242, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 242, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 70);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 200.5650, -64.3685, -27.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 70) }
```

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

```
.background{ background-color: rgb(169,  
242, 70) }
```

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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