

Converting Colors

YUV(164.3850, -27.7978,
-44.1876)

Have a look what the booklet for
YUV(164.3850, -27.7978, -44.1876)
contains.

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Color

**YUV(164.3850, -27.7978,
-44.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	72C96C
RGB	114, 201, 108
RGB Percent	45%, 79%, 42%
CMY	0.5529, 0.2118, 0.5765
CMYK	0.43, 0.00, 0.46, 0.21
HSL	116°, 46%, 61%
HSV	116°, 46%, 79%
XYZ	30.5328, 46.4334, 21.5407
YIQ	164.3850, -21.9990, -47.3670

Conversions

Conversions Part 2

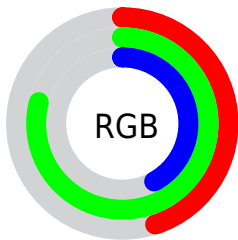
Format	Color
RYB	108, 201, 195
Decimal	7522668
CIELab	73.83, -44.74, 38.34
CIELCh	74, 58.921, 139.411
Yxy	46.4334, 0.3100, 0.4714
Android (android.graphics.Color)	4285712748 (0xFF72C96C)
YUV	164.3850, -27.7978, -44.1876
Hunter-Lab	68.1421, -39.2670, 28.9571

Details

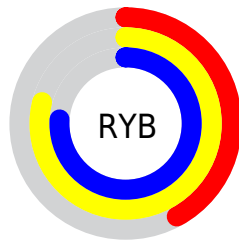
The YUV color **164.3850, -27.7978, -44.1876** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **144.6150, 27.7978, 44.1876**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8690, -28.5294, -42.8581**, and **109.6560, -25.4664, -45.3023** is the 20% darker color. If you saturate the color by 10%, you get **156.4240, -33.7330, -53.8688**, and if you desaturate by 10%, it is **172.3460, -21.8626, -34.5064**.

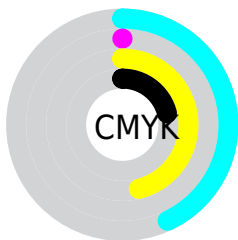
Distribution



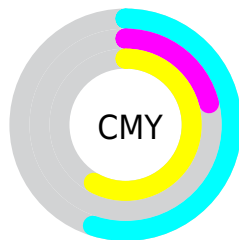
- Red (45%)
- Green (79%)
- Blue (42%)



- Red (42%)
- Yellow (79%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3850, -27.7978, -44.1876 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 164.3850, -27.7978, -44.1876 by changing the saturation by 10% instead.

■ 164.3850,
-27.7978, -44.1876

■ 164.3850,
-27.7978, -44.1876

255.0000, 0.0000,
0.0000

■ 136.7270,
-26.4874, -44.4876

■ 218.8690,
-28.5294, -42.8581

■ 109.6560,
-25.4664, -45.3023

■ 230.6180,
-21.0107, -27.7290

■ 81.3780, -23.8504,
-50.3205

■ 242.4810,
-13.0551, -12.6998

■ 55.7480, -25.0188,
-48.8910

■ 253.8600, -4.3680,
0.9998

■ 41.0900, -20.2574,
-36.0359

■ 27.5890, -13.6014,
-24.1956

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 164.3850,
-27.7978, -44.1876

■ 164.3850,
-27.7978, -44.1876

■ 156.4240,
-33.7330, -53.8688

■ 172.3460,
-21.8626, -34.5064

■ 148.4630,
-39.6683, -63.5501

■ 180.3070,
-15.9274, -24.8252

■ 140.8010,
-45.7509, -72.6165


■ 187.9690, -9.8447,
-15.7588

■ 132.8400,
-51.6861, -82.2977


■ 195.9300, -3.9095,
-6.0776


■ 124.8790,
-57.6213, -91.9789

■ 204.0050, 2.4625,
3.5036

 121.8740,
-60.0839, -95.4825

 211.9660, 8.3978,
13.1848

 219.9270, 14.3330,
22.8660

 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



172.4870, -49.0471, 4.8349



164.3850, -27.7978, -44.1876



139.7490, 9.9837, -122.5599

Triad

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



164.3850, -27.7978, -44.1876



142.3610, 55.5310, -124.8506



172.9490, -12.2999, 71.9587

Complementary

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



164.3850, -27.7978, -44.1876



144.6150, 27.7978, 44.1876

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.



179.2190, 11.7240, 66.4599



164.3850, -27.7978, -44.1876



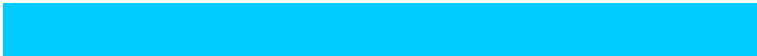
177.2430, 38.3342, -22.1381

Square

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



164.3850, -27.7978, -44.1876



148.8180, 52.3477, -130.5134



187.0100, 32.0401, 36.8252



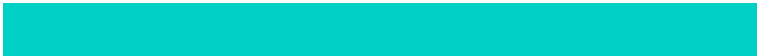
176.3960, -37.1702, 68.9357

Rectangle

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



164.3850, -27.7978, -44.1876



144.5540, 25.8559, -126.7739



187.0100, 32.0401, 36.8252



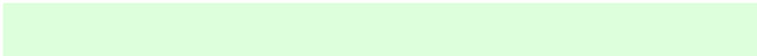
173.8270, -3.8587, 71.1887

Sweetspot

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



164.3850, -27.7978, -44.1876



241.0290, -10.8603, -16.6884



186.8760, -38.8859, 12.3867



119.2130, -6.5140, -10.7108



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.



164.3850, -27.7978, -44.1876



198.6320, -42.7096, -68.0833



167.1510, -9.4414, -51.8754



95.2830, -2.6045, -4.6332



98.9700, -48.7922, -77.1497



21.7300, -10.7129, -17.3032

Inverse Universe

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



144.6150, 27.7978, 44.1876



168.3680, 42.7096, 68.0833



141.8490, 9.4414, 51.8754



93.7170, 2.6045, 4.6332



64.3290, 48.6448, 77.7645



13.9710, 10.8603, 16.6884

Previews

White Background



This preview shows how the YUV color 164.3850, -27.7978, -44.1876 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 164.3850, -27.7978, -44.1876 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 164.3850, -27.7978, -44.1876 Background



This preview shows how black text looks on a background with the YUV color 164.3850, -27.7978, -44.1876.



This preview shows how white text looks on a background with the YUV color 164.3850, -27.7978, -44.1876.

-44.1876.

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

164.3850, -27.7978, -44.1876

Protanopia

176.3760, -37.1604, 18.9642

Deuteranopia

178.9570, -31.5308, 33.3637



Tritanopia

174.6670, 14.9542, -36.5420

Trichromacy



Original Color

164.3850, -27.7978, -44.1876

Protanomaly

172.1450, -33.5955, -4.5122

Deuteranomaly

174.0090, -30.5704, 5.2541

Tritanomaly

170.9320, -0.4595, -39.4054

Monochromacy



Original Color

164.3850, -27.7978, -44.1876

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9690, -9.8447, -15.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3850, -27.7978, -44.1876 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(114, 201, 108)` looks like.

```
.text, #text, p{  
    color:rgb(114, 201, 108)  
}
```

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(114, 201, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 201, 108) }
```

Border

The CSS property to change the border of an element to YUV 164.3850, -27.7978, -44.1876 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(114, 201, 108) }
```


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

```
.border{ border-color:rgb(114, 201, 108) }
```

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

Here you see how a box with a 4 pixel rgb(114, 201, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 201, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 201, 108);  
box-shadow:4px 4px 4px 4px rgb(114, 201,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 164.3850, -27.7978, -44.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 201, 108) }
```

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

```
.background{ background-color: rgb(114,  
201, 108) }
```

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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