

Converting Colors

YUV(164.5950, -50.0863,
-82.0828)

Have a look what the booklet for
YUV(164.5950, -50.0863, -82.0828)
contains.

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Color

**YUV(164.5950, -50.0863,
-82.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	47E83F
RGB	71, 232, 63
RGB Percent	28%, 91%, 25%
CMY	0.7216, 0.0902, 0.7529
CMYK	0.69, 0.00, 0.73, 0.09
HSL	117°, 79%, 58%
HSV	117°, 73%, 91%
XYZ	32.3523, 59.4117, 14.4651
YIQ	164.5950, -41.7070, -86.6910

Conversions

Conversions Part 2

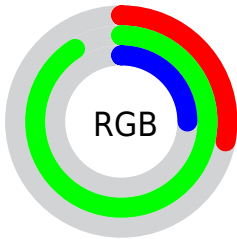
Format	Color
RYB	63, 232, 224
Decimal	4712511
CIELab	81.52, -71.23, 66.08
CIELCh	82, 97.160, 137.145
Yxy	59.4117, 0.3046, 0.5593
Android (android.graphics.Color)	4282902591 (0xFF47E83F)
YUV	164.5950, -50.0863, -82.0828
Hunter-Lab	77.0790, -59.9664, 42.8286

Details

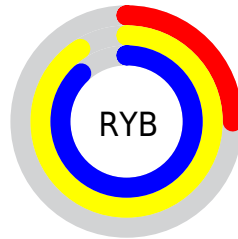
The YUV color **164.5950, -50.0863, -82.0828** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **130.4050, 50.0863, 82.0828**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2250, -42.0159, -57.2023**, and **102.7250, -50.6434, -90.0898** is the 20% darker color. If you saturate the color by 10%, you get **155.3950, -56.8897, -93.3084**, and if you desaturate by 10%, it is **173.7950, -43.2829, -70.8572**.

Distribution



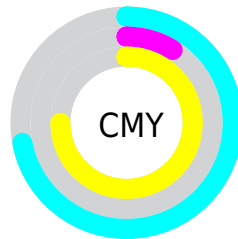
- Red (28%)
- Green (91%)
- Blue (25%)



- Red (25%)
- Yellow (91%)
- Blue (88%)



- Cyan (69%)
- Magenta (0%)
- Yellow (73%)
- Black (9%)



- Cyan (72%)
- Magenta (9%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5950, -50.0863, -82.0828 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 164.5950, -50.0863, -82.0828 by changing the saturation by 10% instead.

■ 164.5950,
-50.0863, -82.0828

■ 164.5950,
-50.0863, -82.0828

■ 255.0000, 0.0000,
0.0000

■ 126.6530,
-48.1429, -98.7967

■ 205.2250,
-42.0159, -57.2023

■ 102.7250,
-50.6434, -90.0898

■ 217.8000,
-33.9184, -41.0436

■ 86.2890, -42.5405,
-75.6755

■ 230.5600,
-26.4051, -24.1701

■ 70.4400, -34.7269,
-61.7759

■ 243.1350,
-18.3076, -8.0114

■ 55.1780, -27.2028,
-48.3911

■ 252.7200, -8.7360,
1.9996

■ 39.9160, -19.6786,
-35.0063

■ 25.8280, -12.7332,

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 164.5950,
-50.0863, -82.0828

■ 164.5950,
-50.0863, -82.0828

■ 155.3950,
-56.8897, -93.3084

■ 173.7950,
-43.2829, -70.8572


■ 146.1950,
-63.6931, -104.5340

■ 182.9950,
-36.4795, -59.6316


■ 139.4730,
-68.7602, -112.6708


■ 192.3090,
-29.2393, -48.5060

■ 201.5090,
-22.4359, -37.2804

 211.0080,
-15.7799, -25.4400

 220.2080, -8.9765,
-14.2144

 229.4080, -2.1731,
-2.9888

 238.7220, 5.0671,
8.1368

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



183.6240, -90.5266, 9.0998



164.5950, -50.0863, -82.0828



159.5930, -0.2923, -139.9631

Triad

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



164.5950, -50.0863, -82.0828



161.1450, 46.2705, -141.3242



153.7890, 0.5970, 88.7620

Complementary

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



164.5950, -50.0863, -82.0828



130.4050, 50.0863, 82.0828

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.



167.0980, 38.8987, 77.0901



164.5950, -50.0863, -82.0828



171.3420, 41.2434, -68.7059

Square

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



164.5950, -50.0863, -82.0828



169.3630, 42.2190, -148.5314



194.5390, 29.8073, 53.0243



167.3510, -48.9800, 76.8682

Rectangle

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



164.5950, -50.0863, -82.0828



168.0630, 27.0839, -147.3913



194.5390, 29.8073, 53.0243



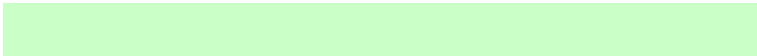
154.2740, 15.1479, 88.3367

Sweetspot

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



164.5950, -50.0863, -82.0828



232.7690, -16.6481, -26.9844



208.0380, -71.5037, 21.0147



114.5560, -10.1341, -16.2736



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.



164.5950, -50.0863, -82.0828



166.6030, -65.8663, -107.5228



170.8670, -15.7104, -94.5994



110.3430, -3.6201, -5.5628



107.4650, -52.9802, -87.2308



30.5350, -15.0538, -25.0252

Inverse Universe

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



130.4050, 50.0863, 82.0828



121.3970, 65.8663, 107.5228



124.1330, 15.7104, 94.5994



107.6570, 3.6201, 5.5628



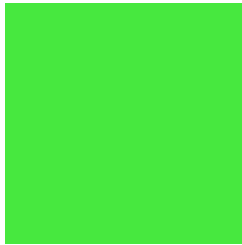
71.2360, 53.1277, 86.6160



20.4650, 15.0538, 25.0252

Previews

White Background



This preview shows how the YUV color 164.5950, -50.0863, -82.0828 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 164.5950, -50.0863, -82.0828 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 164.5950, -50.0863, -82.0828 Background



This preview shows how black text looks on a background with the YUV color 164.5950, -50.0863, -82.0828.



This preview shows how white text looks on a background with the YUV color 164.5950, -50.0863, -82.0828.

-82.0828.

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

164.5950, -50.0863, -82.0828

Protanopia

191.5320, -67.3103, 29.3514

Deuteranopia

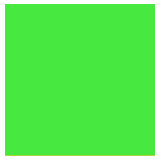
195.8730, -57.6184, 47.4694



Tritanopia

187.8530, 22.7505, -63.8921

Trichromacy



Original Color

164.5950, -50.0863, -82.0828



Protanomaly

181.5870, -60.9284, -11.0388



Deuteranomaly

184.5590, -54.9986, 0.3868



Tritanomaly

179.5230, -3.7088, -70.6187

Monochromacy



Original Color

164.5950, -50.0863, -82.0828



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.7040, -18.0951, -29.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5950, -50.0863, -82.0828 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(71, 232, 63)` looks like.

```
.text, #text, p{  
    color:rgb(71, 232, 63)  
}
```

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(71, 232, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 232, 63) }
```

Border

The CSS property to change the border of an element to YUV 164.5950, -50.0863, -82.0828 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(71, 232, 63) }
```


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

```
.border{ border-color:rgb(71, 232, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 232, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 232, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 232, 63);  
box-shadow:4px 4px 4px 4px rgb(71, 232,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 164.5950, -50.0863, -82.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 232, 63) }
```

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

```
.background{ background-color: rgb(71, 232,  
63) }
```

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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