

Converting Colors

YUV(164.0950, -48.3608,
-75.5053)

Have a look what the booklet for
YUV(164.0950, -48.3608, -75.5053)
contains.

YUV(164.0950, -48.3608, -75.5053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.0950, -48.3608,
-75.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE342
RGB	78, 227, 66
RGB Percent	31%, 89%, 26%
CMY	0.6941, 0.1098, 0.7412
CMYK	0.66, 0.00, 0.71, 0.11
HSL	116°, 74%, 57%
HSV	116°, 71%, 89%
XYZ	31.5943, 56.9512, 14.4817
YIQ	164.0950, -37.1230, -81.6590

Conversions

Conversions Part 2

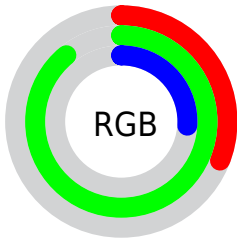
Format	Color
RYB	66, 227, 215
Decimal	5169986
CIELab	80.15, -68.09, 63.69
CIELCh	80, 93.234, 136.912
Yxy	56.9512, 0.3067, 0.5528
Android (android.graphics.Color)	4283360066 (0xFF4EE342)
YUV	164.0950, -48.3608, -75.5053
Hunter-Lab	75.4660, -57.3354, 41.4486

Details

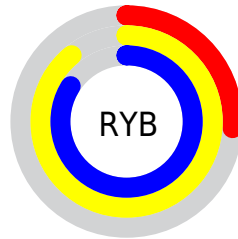
The YUV color **164.0950, -48.3608, -75.5053** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **128.9050, 48.3608, 75.5053**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6490, -41.7320, -54.9432**, and **99.7900, -49.1965, -87.5158** is the 20% darker color. If you saturate the color by 10%, you get **155.1940, -55.3116, -86.1161**, and if you desaturate by 10%, it is **172.9960, -41.4100, -64.8945**.

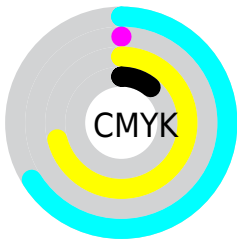
Distribution



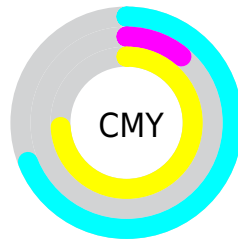
- Red (31%)
- Green (89%)
- Blue (26%)



- Red (26%)
- Yellow (89%)
- Blue (84%)



- Cyan (66%)
- Magenta (0%)
- Yellow (71%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0950, -48.3608, -75.5053 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 164.0950, -48.3608, -75.5053 by changing the saturation by 10% instead.

■ 164.0950,
-48.3608, -75.5053

■ 164.0950,
-48.3608, -75.5053

■ 255.0000, 0.0000,
0.0000

■ 130.2680,
-47.4601, -84.4270

■ 206.6490,
-41.7320, -54.9432

■ 99.7900, -49.1965,
-87.5158

■ 219.1100,
-34.0712, -38.6845

■ 83.9410, -41.3829,
-73.6163

■ 231.6850,
-25.9737, -22.5257

■ 68.0920, -33.5694,
-59.7167

■ 244.2600,
-17.8762, -6.3670

■ 52.8300, -26.0452,
-46.3319

■ 252.9480, -7.8624,
1.7996

■ 38.1550, -18.8104,
-33.4619

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 164.0950,
-48.3608, -75.5053

■ 164.0950,
-48.3608, -75.5053

■ 155.1940,
-55.3116, -86.1161

■ 172.9960,
-41.4100, -64.8945


■ 146.4070,
-61.8257, -96.8269

■ 181.7830,
-34.8960, -54.1837

■ 138.3320,
-68.1977, -106.4082

■ 190.6840,
-27.9452, -43.5729

■ 199.5850,
-20.9944, -32.9620

 208.3720,
-14.4804, -22.2512

 217.2730, -7.5296,
-11.6404

 226.1740, -0.5788,
-1.0296

 235.0750, 6.3720,
9.5812

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



180.6780, -89.0743, 9.9294



164.0950, -48.3608, -75.5053



156.3160, -0.1558, -137.0891

Triad

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



164.0950, -48.3608, -75.5053



158.2100, 47.7175, -138.7502



155.4360, -0.7079, 87.3176

Complementary

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



164.0950, -48.3608, -75.5053



128.9050, 48.3608, 75.5053

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.



168.2890, 35.8465, 76.0455



164.0950, -48.3608, -75.5053



171.0760, 41.3745, -64.0877

Square

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



164.0950, -48.3608, -75.5053



166.4280, 43.6660, -145.9574



193.9520, 30.0967, 53.5391



167.2200, -46.9435, 76.9831

Rectangle

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



164.0950, -48.3608, -75.5053



164.4440, 25.9101, -144.2174



193.9520, 30.0967, 53.5391



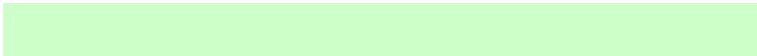
156.2800, 12.6800, 86.5774

Sweetspot

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



164.0950, -48.3608, -75.5053



233.8940, -16.2167, -25.3400



201.0150, -66.5624, 22.7888



115.3820, -9.5553, -15.2440



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.



164.0950, -48.3608, -75.5053



170.1630, -65.1564, -101.8750



168.1450, -17.3265, -89.5812



110.3430, -3.6201, -5.5628



108.9600, -53.7173, -84.1569



31.1330, -15.3486, -23.7956

Inverse Universe

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



128.9050, 48.3608, 75.5053



122.8370, 65.1564, 101.8750



124.8550, 17.3265, 89.5812



107.6570, 3.6201, 5.5628



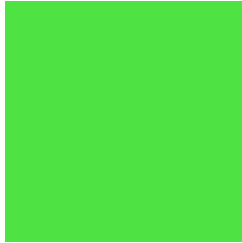
69.7410, 53.8647, 83.5421



19.8670, 15.3486, 23.7956

Previews

White Background



This preview shows how the YUV color 164.0950, -48.3608, -75.5053 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 164.0950, -48.3608, -75.5053 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 164.0950, -48.3608, -75.5053 Background



This preview shows how black text looks on a background with the YUV color 164.0950, -48.3608, -75.5053.



This preview shows how white text looks on a background with the YUV color 164.0950, -48.3608, -75.5053.

-75.5053.

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

164.0950, -48.3608, -75.5053

Protanopia

188.3300, -64.2527, 28.6516

Deuteranopia

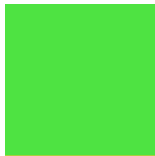
192.1440, -55.2870, 46.3547



Tritanopia

185.8320, 21.2818, -59.4887

Trichromacy



Original Color

164.0950, -48.3608, -75.5053



Protanomaly

179.5810, -58.4604, -9.2795



Deuteranomaly

182.1400, -52.8200, 1.6312



Tritanomaly

177.5560, -3.7251, -65.3856

Monochromacy



Original Color

164.0950, -48.3608, -75.5053



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1280, -17.8111, -27.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0950, -48.3608, -75.5053 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(78, 227, 66)` looks like.

```
.text, #text, p{  
    color:rgb(78, 227, 66)  
}
```

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(78, 227, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 227, 66) }
```

Border

The CSS property to change the border of an element to YUV 164.0950, -48.3608, -75.5053 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(78, 227, 66) }
```


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

```
.border{ border-color:rgb(78, 227, 66) }
```

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

Here you see how a box with a 4 pixel rgb(78, 227, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 227, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 227, 66);  
box-shadow:4px 4px 4px 4px rgb(78, 227,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 164.0950, -48.3608, -75.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 227, 66) }
```

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

```
.background{ background-color: rgb(78, 227,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor