

Converting Colors

YUV(164.6440, -10.6705,
-77.7408)

Have a look what the booklet for
YUV(164.6440, -10.6705, -77.7408)
contains.

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Color

**YUV(164.6440, -10.6705,
-77.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	4CD68F
RGB	76, 214, 143
RGB Percent	30%, 84%, 56%
CMY	0.7020, 0.1608, 0.4392
CMYK	0.64, 0.00, 0.33, 0.16
HSL	149°, 63%, 57%
HSV	149°, 64%, 84%
XYZ	31.9850, 51.6128, 34.2631
YIQ	164.6440, -59.4570, -51.3370

Conversions

Conversions Part 2

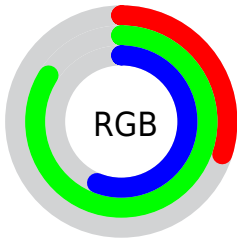
Format	Color
RYB	76, 169, 214
Decimal	5035663
CIELab	77.05, -53.29, 24.39
CIELCh	77, 58.609, 155.405
Yxy	51.6128, 0.2714, 0.4379
Android (android.graphics.Color)	4283225743 (0xFF4CD68F)
YUV	164.6440, -10.6705, -77.7408
Hunter-Lab	71.8421, -46.2531, 22.0127

Details

The YUV color **164.6440, -10.6705, -77.7408** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **125.3560, 10.6705, 77.7408**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4050, -8.0877, -66.1302**, and **103.2340, -5.5384, -90.5362** is the 20% darker color. If you saturate the color by 10%, you get **157.1110, -12.3797, -89.5513**, and if you desaturate by 10%, it is **172.1770, -8.9613, -65.9302**.

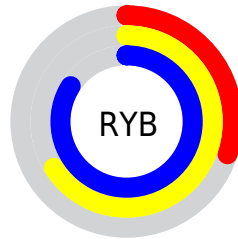
Distribution



Red (30%)

Green (84%)

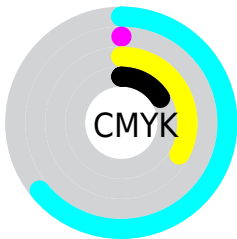
Blue (56%)



Red (30%)

Yellow (66%)

Blue (84%)

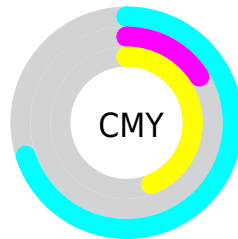


Cyan (64%)

Magenta (0%)

Yellow (33%)

Black (16%)



Cyan (70%)

Magenta (16%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6440, -10.6705, -77.7408 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 164.6440, -10.6705, -77.7408 by changing the saturation by 10% instead.

■ 164.6440,
-10.6705, -77.7408

■ 164.6440,
-10.6705, -77.7408

■ 255.0000, 0.0000,
0.0000

■ 133.8820, -8.3228,
-84.0885

■ 213.4050, -8.0877,
-66.1302

■ 103.2340, -5.5384,
-90.5362

■ 225.5670, -0.2795,
-50.4863

■ 84.6490, -8.2080,
-74.2372

■ 237.8430, 7.9654,
-34.9423

■ 66.7650, -10.7301,
-58.5529

■ 246.9270, 3.9800,
-16.5990

■ 49.5820, -13.1049,
-43.4834

■ 32.2850, -15.9165,
-28.3139

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 164.6440,
-10.6705, -77.7408

■ 164.6440,
-10.6705, -77.7408

■ 157.1110,
-12.3797, -89.5513

■ 172.1770, -8.9613,
-65.9302

■ 149.2790,
-13.9415, -101.9767

■ 180.0090, -7.3994,
-53.5049

■ 141.7460,
-15.6508, -113.7872

■ 187.5420, -5.6902,
-41.6943

■ 137.4740,
-16.5027, -120.5647

■ 195.3740, -4.1284,
-29.2690

■ 202.9070, -2.4192,
-17.4584

■ 210.4400, -0.7099,
-5.6479

■ 218.2720, 0.8519,
6.7775

■ 225.8050, 2.5611,
18.5880

■ 229.4510, 6.1867,
22.4065

Harmonies

Analogous

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



177.8520, -39.3670, -20.0412



164.6440, -10.6705, -77.7408



150.0650, 24.1250, -131.6070

Triad

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



164.6440, -10.6705, -77.7408



174.9520, 39.4637, -57.8399



180.2890, -24.7925, 65.5215

Complementary

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



164.6440, -10.6705, -77.7408



125.3560, 10.6705, 77.7408

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.



180.9340, 0.5255, 64.9559



164.6440, -10.6705, -77.7408



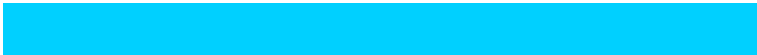
191.9270, 31.0950, 13.2190

Square

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



164.6440, -10.6705, -77.7408



151.1660, 51.1902, -132.5726



192.3730, 21.5081, 54.9239



186.9960, -47.3260, 59.6395

Rectangle

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



164.6440, -10.6705, -77.7408



154.1690, 39.8497, -135.2062



192.3730, 21.5081, 54.9239



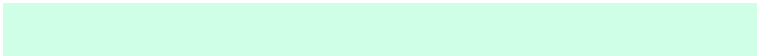
179.2920, -15.9200, 66.3959

Sweetspot

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



164.6440, -10.6705, -77.7408



237.7980, -3.8444, -27.0098



178.2350, -50.4019, -27.3931



117.2060, -2.5666, -16.8437



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.



164.6440, -10.6705, -77.7408



184.8820, -15.2248, -110.3985



172.5100, 19.4686, -84.6393



103.1410, -0.5625, -6.2627



109.8390, -13.2316, -96.3288



27.6350, -3.2711, -24.2359

Inverse Universe

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



125.3560, 10.6705, 77.7408



129.1180, 15.2248, 110.3985



117.4900, -19.4686, 84.6393



99.9730, 0.9993, 6.1627



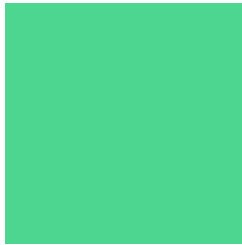
61.1610, 13.2316, 96.3288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 164.6440, -10.6705, -77.7408 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 164.6440, -10.6705, -77.7408 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

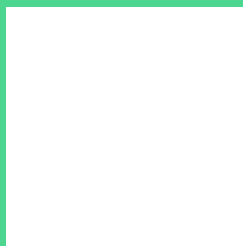
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.6440, -10.6705, -77.7408 Background



This preview shows how black text looks on a background with the YUV color 164.6440, -10.6705, -77.7408.



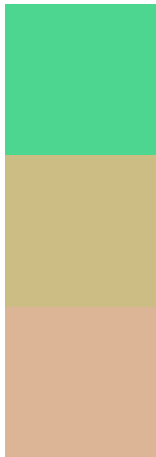
This preview shows how white text looks on a background with the YUV color 164.6440, -10.6705, -77.7408.

-77.7408.

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

164.6440, -10.6705, -77.7408

Protanopia

186.9870, -27.1086, 14.9204

Deuteranopia

189.1270, -19.2896, 27.0756



Tritanopia

175.7390, 22.3137, -63.7921

Trichromacy



Original Color

164.6440, -10.6705, -77.7408



Protanomaly

178.6730, -21.0378, -19.0072



Deuteranomaly

180.2810, -16.4075, -10.7704



Tritanomaly

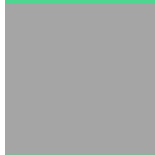
171.9050, 10.3998, -69.1997

Monochromacy



Original Color

164.6440, -10.6705, -77.7408



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0860, -3.9864, -28.1394

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6440, -10.6705, -77.7408 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(76, 214, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 214, 143)  
}
```

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(76, 214, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 214, 143) }
```

Border

The CSS property to change the border of an element to YUV 164.6440, -10.6705, -77.7408 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(76, 214, 143) }
```


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

```
.border{ border-color:rgb(76, 214, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 214, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 214, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 214, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 214,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 164.6440, -10.6705, -77.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 214, 143) }
```

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

```
.background{ background-color: rgb(76, 214,  
143) }
```

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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