

Converting Colors

YUV(164.8380, -21.6121,
-68.2639)

Have a look what the booklet for
YUV(164.8380, -21.6121, -68.2639)
contains.

YUV(164.8380, -21.6121, -68.2639)	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(164.8380, -21.6121,
-68.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	57D579
RGB	87, 213, 121
RGB Percent	34%, 84%, 47%
CMY	0.6588, 0.1647, 0.5255
CMYK	0.59, 0.00, 0.43, 0.16
HSL	136°, 60%, 59%
HSV	136°, 59%, 84%
XYZ	31.1759, 50.9952, 26.2891
YIQ	164.8380, -45.5640, -55.3240

Conversions

Conversions Part 2

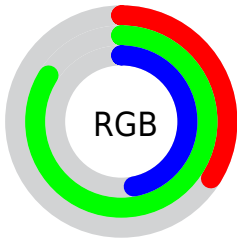
Format	Color
RYB	87, 186, 213
Decimal	5756281
CIELab	76.68, -54.64, 35.25
CIELCh	77, 65.025, 147.175
Yxy	50.9952, 0.2874, 0.4702
Android (android.graphics.Color)	4283946361 (0xFF57D579)
YUV	164.8380, -21.6121, -68.2639
Hunter-Lab	71.4109, -47.0413, 28.1607

Details

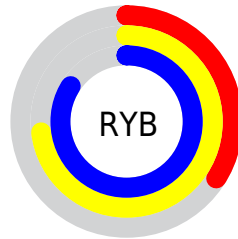
The YUV color **164.8380, -21.6121, -68.2639** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **135.1620, 21.6121, 68.2639**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4740, -19.4607, -58.2977**, and **100.2530, -14.4217, -87.9219** is the 20% darker color. If you saturate the color by 10%, you get **156.7350, -25.5054, -79.5746**, and if you desaturate by 10%, it is **172.9410, -17.7189, -56.9533**.

Distribution



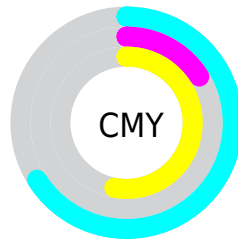
- Red (34%)
- Green (84%)
- Blue (47%)



- Red (34%)
- Yellow (73%)
- Blue (84%)



- Cyan (59%)
- Magenta (0%)
- Yellow (43%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8380, -21.6121, -68.2639 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 164.8380, -21.6121, -68.2639 by changing the saturation by 10% instead.

■ 164.8380,
-21.6121, -68.2639

■ 164.8380,
-21.6121, -68.2639

■ 255.0000, 0.0000,
0.0000

■ 135.5710,
-20.0015, -71.5378

■ 213.4740,
-19.4607, -58.2977

■ 100.2530,
-14.4217, -87.9219

■ 225.3370,
-11.5051, -43.2685

■ 81.5540, -17.5281,
-71.5229

■ 237.6130, -3.2602,
-27.7246

■ 63.4420, -20.9239,
-55.6386

■ 249.3190, 2.8007,
-11.6808

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 164.8380,
-21.6121, -68.2639

■ 164.8380,
-21.6121, -68.2639

■ 156.7350,
-25.5054, -79.5746

■ 172.9410,
-17.7189, -56.9533

■ 148.4470,
-28.8144, -91.6000

■ 181.2290,
-14.4099, -44.9278

■ 140.3440,
-32.7076, -102.9107

■ 189.3320,
-10.5167, -33.6172

■ 132.3550,
-36.1640, -114.3213

■ 197.3210, -7.0603,
-22.2065

■ 131.5290,
-36.7428, -115.3509

■ 205.7230, -3.3144,
-10.2811

■ 213.7120, 0.1420,
1.1296

■ 221.8150, 4.0352,
12.4402

■ 229.2060, 7.7864,
22.6213

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

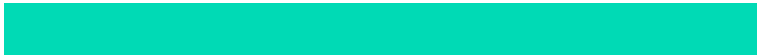
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.3560, -50.4615, -8.2052



164.8380, -21.6121, -68.2639



148.6000, 15.9732, -130.3222

Triad

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



164.8380, -21.6121, -68.2639



145.2960, 54.0841, -127.4246



174.7440, -18.1148, 70.3845

Complementary

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



164.8380, -21.6121, -68.2639



135.1620, 21.6121, 68.2639

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.



177.9480, 9.3926, 67.5746



164.8380, -21.6121, -68.2639



186.5010, 33.7700, -4.8244

Square

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



164.8380, -21.6121, -68.2639



153.5140, 50.0326, -134.6318



193.9520, 30.0967, 53.5391



180.7840, -45.7425, 65.0874

Rectangle

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



164.8380, -21.6121, -68.2639



153.9750, 34.0293, -135.0361



193.9520, 30.0967, 53.5391



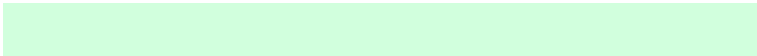
173.9750, -8.3687, 71.0589

Sweetspot

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



164.8380, -21.6121, -68.2639



237.3700, -8.0704, -24.8805



188.4700, -50.0247, -8.3052



116.9350, -4.8980, -15.7290



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.



164.8380, -21.6121, -68.2639



185.8330, -30.9767, -98.0775



172.0200, 5.9061, -74.5625



102.7990, -1.8729, -5.9627



105.6210, -29.3932, -92.6296



26.6090, -7.2022, -23.3361

Inverse Universe

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



135.1620, 21.6121, 68.2639



143.1670, 30.9767, 98.0775



127.9800, -5.9061, 74.5625



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 164.8380, -21.6121, -68.2639 looks on a white background.

Color Contrast Check

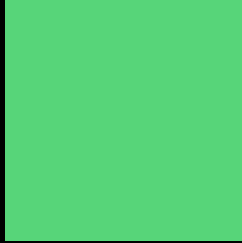
Large Text (above 18pt) WCAG AA × Fail

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 164.8380, -21.6121, -68.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

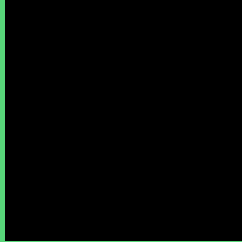
Any Text WCAG AA ✓ Pass

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 164.8380, -21.6121, -68.2639 Background



This preview shows how black text looks on a background with the YUV color 164.8380, -21.6121, -68.2639.



This preview shows how white text looks on a background with the YUV color 164.8380, -21.6121, -68.2639.

-68.2639.

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

164.8380, -21.6121, -68.2639

Protanopia

184.6040, -36.2868, 18.7643

Deuteranopia

187.3420, -28.7626, 32.1491



Tritanopia

177.5120, 19.9606, -55.7000

Trichromacy



Original Color

164.8380, -21.6121, -68.2639



Protanomaly

177.4860, -30.8056, -12.7042



Deuteranomaly

179.0940, -26.1753, -4.4674



Tritanomaly

172.8800, 4.9892, -60.4078

Monochromacy



Original Color

164.8380, -21.6121, -68.2639



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.7830, -7.7810, -24.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8380, -21.6121, -68.2639 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(87, 213, 121)` looks like.

```
.text, #text, p{  
    color:rgb(87, 213, 121)  
}
```

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(87, 213, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 213, 121) }
```

Border

The CSS property to change the border of an element to YUV 164.8380, -21.6121, -68.2639 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(87, 213, 121) }
```


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

```
.border{ border-color:rgb(87, 213, 121) }
```

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

Here you see how a box with a 4 pixel rgb(87, 213, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 213, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 213, 121);  
box-shadow:4px 4px 4px 4px rgb(87, 213,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 164.8380, -21.6121, -68.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 213, 121) }
```

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

```
.background{ background-color: rgb(87, 213,  
121) }
```

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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