

Converting Colors

YUV(168.3940, -21.3932,
-45.0725)

Have a look what the booklet for
YUV(168.3940, -21.3932, -45.0725)
contains.

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Color

**YUV(168.3940, -21.3932,
-45.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	75CB7D
RGB	117, 203, 125
RGB Percent	46%, 80%, 49%
CMY	0.5412, 0.2039, 0.5098
CMYK	0.42, 0.00, 0.38, 0.20
HSL	126°, 45%, 63%
HSV	126°, 42%, 80%
XYZ	32.3937, 47.9744, 26.9547
YIQ	168.3940, -26.2180, -42.4900

Conversions

Conversions Part 2

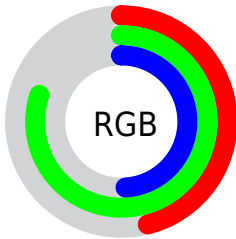
Format	Color
RYB	117, 196, 203
Decimal	7719805
CIELab	74.81, -42.16, 30.99
CIELCh	75, 52.323, 143.686
Yxy	47.9744, 0.3018, 0.4470
Android (android.graphics.Color)	4285909885 (0xFF75CB7D)
YUV	168.3940, -21.3932, -45.0725
Hunter-Lab	69.2636, -37.7290, 25.4111

Details

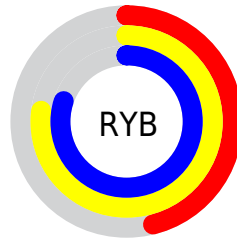
The YUV color **168.3940, -21.3932, -45.0725** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **151.6060, 21.3932, 45.0725**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7040, -21.5461, -42.7134**, and **113.9640, -19.2093, -45.5724** is the 20% darker color. If you saturate the color by 10%, you get **160.3620, -26.3075, -55.5685**, and if you desaturate by 10%, it is **176.4260, -16.4790, -34.5766**.

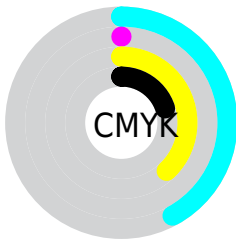
Distribution



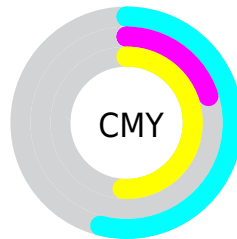
- Red (46%)
- Green (80%)
- Blue (49%)



- Red (46%)
- Yellow (77%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3940, -21.3932, -45.0725 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 168.3940, -21.3932, -45.0725 by changing the saturation by 10% instead.

■ 168.3940,
-21.3932, -45.0725

■ 168.3940,
-21.3932, -45.0725

255.0000, 0.0000,
0.0000

■ 141.0350,
-20.2303, -44.7577

■ 221.7040,
-21.5461, -42.7134

■ 113.9640,
-19.2093, -45.5724

■ 233.2680,
-13.4431, -28.2990

■ 86.6970, -17.5986,
-48.8463

■ 245.2450, -5.0508,
-13.3699

■ 59.5440, -15.5512,
-52.2201

■ 42.6060, -19.5258,
-37.3655

■ 28.1760, -13.8908,
-24.7104

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 168.3940,
-21.3932, -45.0725

■ 168.3940,
-21.3932, -45.0725

■ 160.3620,
-26.3075, -55.5685

■ 176.4260,
-16.4790, -34.5766

■ 151.9170,
-31.5111, -66.5792

■ 184.8710,
-11.2754, -23.5659

■ 143.8850,
-36.4253, -77.0751

■ 192.9030, -6.3612,
-13.0699

■ 135.7390,
-41.7763, -87.4711

■ 201.0490, -1.0102,
-2.6740

■ 127.7070,
-46.6906, -97.9670

■ 209.3800, 3.7567,
8.4367

■ 121.3270,
-50.4472, -106.4038

■ 217.4120, 8.6709,
18.9327

■ 224.3620, 14.6115,
26.8695

■ 224.4760, 15.0483,
26.7695

Harmonies

Analogous

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



176.1040, -41.4633, -0.9682



168.3940, -21.3932, -45.0725



141.7040, 14.9359, -124.2744

Triad

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



168.3940, -21.3932, -45.0725



162.4050, 45.6493, -81.9162



178.8190, -15.1938, 66.8107

Complementary

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



168.3940, -21.3932, -45.0725



151.6060, 21.3932, 45.0725

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.



183.7040, 6.0619, 62.5266



168.3940, -21.3932, -45.0725



183.2230, 35.3861, -9.8426

Square

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



168.3940, -21.3932, -45.0725



148.2310, 52.6371, -129.9986



189.7130, 25.7775, 38.8397



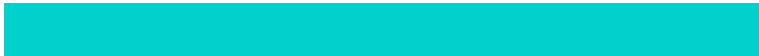
182.4770, -36.7172, 63.6027

Rectangle

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



168.3940, -21.3932, -45.0725



146.0530, 29.0609, -128.0885



189.7130, 25.7775, 38.8397



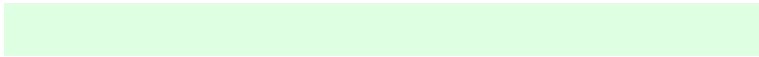
179.4690, -7.6262, 66.2407

Sweetspot

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



168.3940, -21.3932, -45.0725



241.7130, -8.2395, -17.2883



191.1030, -36.5328, 4.2947



119.5550, -5.2036, -11.0107



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.



168.3940, -21.3932, -45.0725



202.6780, -32.3793, -68.1236



173.1820, -3.0477, -49.2716



97.9840, -2.4571, -5.2480



99.1520, -41.4869, -86.9563



22.7620, -9.2497, -19.9623

Inverse Universe

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



151.6060, 21.3932, 45.0725



177.3220, 32.3793, 68.1236



146.8180, 3.0477, 49.2716



96.0160, 2.4571, 5.2480



66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 168.3940, -21.3932, -45.0725 looks on a white background.

Color Contrast Check

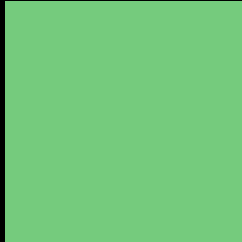
Large Text (above 18pt) WCAG AA × Fail

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 168.3940, -21.3932, -45.0725 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 168.3940, -21.3932, -45.0725 Background



This preview shows how black text looks on a background with the YUV color 168.3940, -21.3932, -45.0725.



This preview shows how white text looks on a background with the YUV color 168.3940, -21.3932, -45.0725.

-45.0725.

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

168.3940, -21.3932, -45.0725

Protanopia

180.2600, -31.1872, 16.4350

Deuteranopia

182.5420, -25.4102, 30.2197



Tritanopia

177.0690, 15.2490, -37.7715

Trichromacy



Original Color

168.3940, -21.3932, -45.0725

Protanomaly

175.7410, -27.4803, -5.9119

Deuteranomaly

177.4200, -23.8711, 3.1397

Tritanomaly

174.2030, 1.8719, -40.5200

Monochromacy



Original Color

168.3940, -21.3932, -45.0725

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1260, -7.9501, -16.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3940, -21.3932, -45.0725 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(117, 203, 125)` looks like.

```
.text, #text, p{  
    color:rgb(117, 203, 125)  
}
```

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(117, 203, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 203, 125) }
```

Border

The CSS property to change the border of an element to YUV 168.3940, -21.3932, -45.0725 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(117, 203, 125) }
```


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

```
.border{ border-color:rgb(117, 203, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 203, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 203, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 203, 125); box-shadow:4px 4px 4px 4px rgb(117, 203, 125) }
```

Background

The CSS property to change the background color of an element to YUV 168.3940, -21.3932, -45.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 203, 125) }
```

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

```
.background{ background-color: rgb(117,  
203, 125) }
```

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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