

Converting Colors

YUV(165.7790, -18.6250,
-46.2872)

Have a look what the booklet for
YUV(165.7790, -18.6250, -46.2872)
contains.

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Color

**YUV(165.7790, -18.6250,
-46.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	71C880
RGB	113, 200, 128
RGB Percent	44%, 78%, 50%
CMY	0.5569, 0.2157, 0.4980
CMYK	0.43, 0.00, 0.36, 0.22
HSL	130°, 44%, 61%
HSV	130°, 44%, 78%
XYZ	31.3606, 46.3778, 27.7210
YIQ	165.7790, -28.7400, -40.8360

Conversions

Conversions Part 2

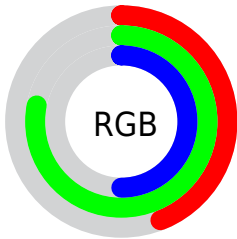
Format	Color
RYB	113, 187, 200
Decimal	7456896
CIELab	73.79, -41.52, 28.05
CIElCh	74, 50.110, 145.959
Yxy	46.3778, 0.2974, 0.4398
Android (android.graphics.Color)	4285646976 (0xFF71C880)
YUV	165.7790, -18.6250, -46.2872
Hunter-Lab	68.1012, -36.9779, 23.5365

Details

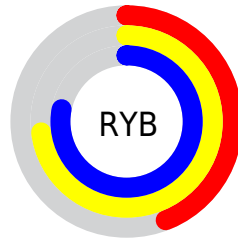
The YUV color **165.7790, -18.6250, -46.2872** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **147.2210, 18.6250, 46.2872**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8500, -19.6461, -45.4725**, and **111.0500, -16.2936, -47.4018** is the 20% darker color. If you saturate the color by 10%, you get **157.8610, -23.1025, -56.8831**, and if you desaturate by 10%, it is **173.6970, -14.1476, -35.6913**.

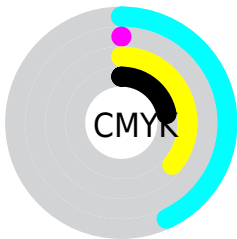
Distribution



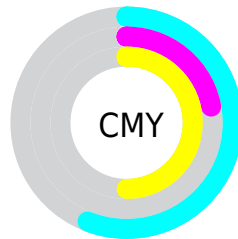
- Red (44%)
- Green (78%)
- Blue (50%)



- Red (44%)
- Yellow (73%)
- Blue (78%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7790, -18.6250, -46.2872 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 165.7790, -18.6250, -46.2872 by changing the saturation by 10% instead.

■ 165.7790,
-18.6250, -46.2872

■ 165.7790,
-18.6250, -46.2872

255.0000, 0.0000,
0.0000

■ 138.4200,
-17.4621, -45.9723

■ 220.8500,
-19.6461, -45.4725

■ 111.0500,
-16.2936, -47.4018

■ 232.4140,
-11.5431, -31.0581

■ 83.4840, -14.5356,
-51.2905

■ 244.3910, -3.1508,
-16.1289

■ 58.7120, -13.6620,
-51.4904

■ 41.4150, -16.4736,
-36.3210

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 165.7790,
-18.6250, -46.2872

■ 165.7790,
-18.6250, -46.2872

■ 157.8610,
-23.1025, -56.8831

■ 173.6970,
-14.1476, -35.6913

■ 150.0570,
-27.1431, -67.5790

■ 181.5010,
-10.1070, -24.9954

■ 142.1390,
-31.6205, -78.1749


■ 189.4190, -5.6296,
-14.3995

■ 134.3350,
-35.6612, -88.8708

■ 197.2230, -1.5889,
-3.7036


■ 126.4170,
-40.1386, -99.4667

■ 205.1410, 2.8885,
6.8923

 121.2760,
-43.0271, -106.3591

 212.9450, 6.9291,
17.5882

 220.8630, 11.4065,
28.1841

 222.7150, 15.9165,
28.3139

Harmonies

Analogous

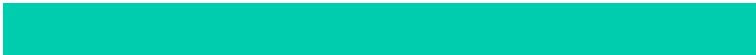
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.5920, -38.2529, -4.0272



165.7790, -18.6250, -46.2872



140.0570, 16.2409, -122.8300

Triad

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



165.7790, -18.6250, -46.2872



165.1400, 44.3010, -69.4058



178.3630, -16.9410, 67.2106

Complementary

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



165.7790, -18.6250, -46.2872



147.2210, 18.6250, 46.2872

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.



182.3190, 3.2937, 63.7412



165.7790, -18.6250, -46.2872



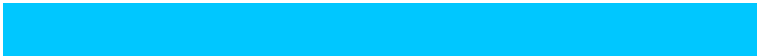
182.3590, 35.8120, -6.4538

Square

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



165.7790, -18.6250, -46.2872



145.8830, 53.7947, -127.9394



186.6270, 22.8619, 40.6691



180.4550, -36.7063, 60.1140

Rectangle

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



165.7790, -18.6250, -46.2872



143.7050, 30.2184, -126.0293



186.6270, 22.8619, 40.6691



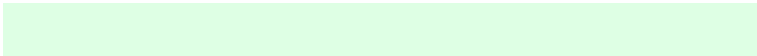
178.7850, -10.2470, 66.8406

Sweetspot

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



165.7790, -18.6250, -46.2872



242.0550, -6.9291, -17.5882



185.8960, -35.9377, 0.0912



119.7830, -4.3300, -11.2107



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.



165.7790, -18.6250, -46.2872



202.6930, -28.4426, -70.7678



170.6810, 0.1573, -50.5862



95.3970, -2.1677, -4.7332



98.8730, -34.9404, -86.7116



21.8160, -7.7973, -19.1326

Inverse Universe

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



147.2210, 18.6250, 46.2872



174.3070, 28.4426, 70.7678



142.3190, -0.1573, 50.5862



93.6030, 2.1677, 4.7332



64.1270, 34.9404, 86.7116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 165.7790, -18.6250, -46.2872 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 165.7790, -18.6250, -46.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

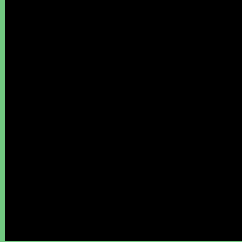
Any Text WCAG AA ✓ Pass

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 165.7790, -18.6250, -46.2872 Background



This preview shows how black text looks on a background with the YUV color 165.7790, -18.6250, -46.2872.



This preview shows how white text looks on a background with the YUV color 165.7790, -18.6250, -46.2872.

-46.2872.

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

165.7790, -18.6250, -46.2872

Protanopia

177.9440, -28.5664, 15.8351

Deuteranopia

180.5140, -22.9314, 28.4902



Tritanopia

173.8840, 15.8332, -38.4863

Trichromacy



Original Color

165.7790, -18.6250, -46.2872



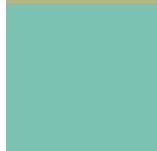
Protanomaly

173.4250, -24.8595, -6.5117



Deuteranomaly

175.3920, -21.3923, 1.4102



Tritanomaly

171.2460, 3.3297, -41.4347

Monochromacy



Original Color

165.7790, -18.6250, -46.2872



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.7670, -6.7871, -16.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7790, -18.6250, -46.2872 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(113, 200, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 200, 128)  
}
```

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(113, 200, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 200, 128) }
```

Border

The CSS property to change the border of an element to YUV 165.7790, -18.6250, -46.2872 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(113, 200, 128) }
```


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

```
.border{ border-color:rgb(113, 200, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 200, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 200, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 200, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 200,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 165.7790, -18.6250, -46.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 200, 128) }
```

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

```
.background{ background-color: rgb(113,  
200, 128) }
```

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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