

Converting Colors

YUV(166.6170, -2.7692,
-45.2681)

Have a look what the booklet for
YUV(166.6170, -2.7692, -45.2681)
contains.

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Color

**YUV(166.6170, -2.7692,
-45.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	73C2A1
RGB	115, 194, 161
RGB Percent	45%, 76%, 63%
CMY	0.5490, 0.2392, 0.3686
CMYK	0.41, 0.00, 0.17, 0.24
HSL	155°, 39%, 61%
HSV	155°, 41%, 76%
XYZ	32.7950, 44.8016, 40.6373
YIQ	166.6170, -36.4910, -27.0110

Conversions

Conversions Part 2

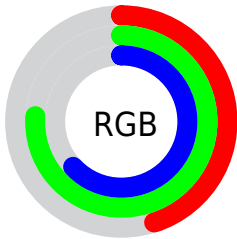
Format	Color
R_{YB}	115, 165, 194
Decimal	7586465
CIE _{Lab}	72.76, -31.90, 9.04
CIE _{LCh}	73, 33.154, 164.177
Yxy	44.8016, 0.2774, 0.3789
Android (android.graphics.Color)	4285776545 (0xFF73C2A1)
YUV	166.6170, -2.7692, -45.2681
Hunter-Lab	66.9340, -29.6765, 10.8574

Details

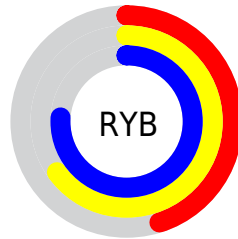
The YUV color **166.6170, -2.7692, -45.2681** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **142.3830, 2.7692, 45.2681**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7910, -3.3480, -46.2977**, and **112.8450, -1.8956, -45.4681** is the 20% darker color. If you saturate the color by 10%, you get **160.0240, -3.4628, -56.1490**, and if you desaturate by 10%, it is **173.2100, -2.0755, -34.3872**.

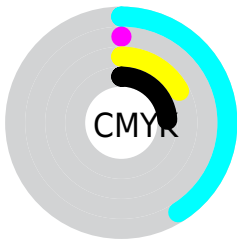
Distribution



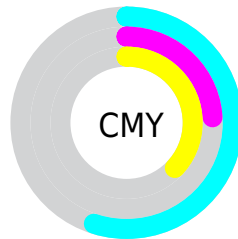
- Red (45%)
- Green (76%)
- Blue (63%)



- Red (45%)
- Yellow (65%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6170, -2.7692, -45.2681 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 166.6170, -2.7692, -45.2681 by changing the saturation by 10% instead.

■ 166.6170, -2.7692,
-45.2681

■ 166.6170, -2.7692,
-45.2681

255.0000, 0.0000,
0.0000

■ 139.7310, -2.3324,
-45.3681

■ 222.7910, -3.3480,
-46.2977

■ 112.8450, -1.8956,
-45.4681

■ 236.7030, 3.5974,
-33.9425

■ 86.1760, -0.5798,
-47.5124

■ 246.6280, 4.1274,
-17.2138

■ 59.3110, 1.3257,
-52.0157

■ 42.7150, -1.3385,
-37.4611

■ 26.9340, -3.4185,
-23.6211

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 166.6170, -2.7692,
-45.2681

■ 166.6170, -2.7692,
-45.2681

■ 160.0240, -3.4628,
-56.1490

■ 173.2100, -2.0755,
-34.3872

■ 153.1320, -4.0091,
-67.6448

■ 180.1020, -1.5293,
-22.8915

■ 146.5390, -4.7027,
-78.5257

■ 186.6950, -0.8356,
-12.0105

■ 139.6470, -5.2490,
-90.0214

■ 193.5870, -0.2894,
-0.5148

■ 132.9400, -6.3794,
-100.8024

■ 200.2940, 0.8411,
10.2662

■ 126.7600, -6.7837,
-111.1685

■ 206.8870, 1.5347,
21.1471

■ 213.7790, 2.0810,
32.6428

■ 215.8870, 4.9857,
34.3021

■ 216.7990, 8.4801,
33.5023

Harmonies

Analogous

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



171.3680, -18.4224, -17.8627



166.6170, -2.7692, -45.2681



161.4690, 15.0518, -67.9403

Triad

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



166.6170, -2.7692, -45.2681



178.1700, 29.0032, -15.9351



179.9060, -20.6597, 46.5634

Complementary

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



166.6170, -2.7692, -45.2681



142.3830, 2.7692, 45.2681

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.



181.8430, -8.3036, 50.1267



166.6170, -2.7692, -45.2681



182.8490, 19.3014, 15.9184

Square

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



166.6170, -2.7692, -45.2681



169.8730, 32.6006, -49.8776



183.2620, 6.2798, 39.2352



178.1570, -28.1784, 31.4343

Rectangle

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



166.6170, -2.7692, -45.2681



160.7700, 25.2564, -74.3433



183.2620, 6.2798, 39.2352



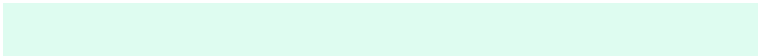
180.8400, -17.1761, 49.2523

Sweetspot

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



166.6170, -2.7692, -45.2681



241.6620, -0.8194, -17.2436



171.5390, -27.8737, -19.7667



121.7060, -0.8411, -10.2662



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.



166.6170, -2.7692, -45.2681



209.4090, -4.1456, -70.5187



167.4440, 13.0921, -45.9934



93.5540, -0.2731, -5.7479



105.2230, -5.5329, -92.2806



21.5370, -1.2507, -18.8879

Inverse Universe

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



142.3830, 2.7692, 45.2681



171.5910, 4.1456, 70.5187



141.5560, -13.0921, 45.9934



90.4460, 0.2731, 5.7479



55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 166.6170, -2.7692, -45.2681 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 166.6170, -2.7692, -45.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

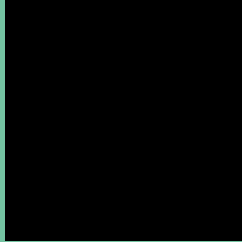
Any Text WCAG AA ✓ Pass

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 166.6170, -2.7692, -45.2681 Background



This preview shows how black text looks on a background with the YUV color 166.6170, -2.7692, -45.2681.



This preview shows how white text looks on a background with the YUV color 166.6170, -2.7692, -45.2681.

-45.2681.

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

166.6170, -2.7692, -45.2681

Protanopia

177.1400, -12.3940, 8.6472

Deuteranopia

178.8020, -6.3114, 17.7136



Tritanopia

170.8730, 15.8386, -40.2306

Trichromacy



Original Color

166.6170, -2.7692, -45.2681

Protanomaly

173.2300, -8.9874, -10.7257

Deuteranomaly

174.0010, -4.9305, -5.2629

Tritanomaly

169.1410, 9.2975, -42.2197

Monochromacy



Original Color

166.6170, -2.7692, -45.2681

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9610, -0.9668, -16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6170, -2.7692, -45.2681 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(115, 194, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 194, 161)  
}
```

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(115, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 194, 161) }
```

Border

The CSS property to change the border of an element to YUV 166.6170, -2.7692, -45.2681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

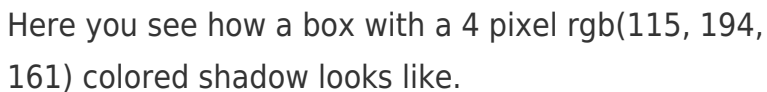
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 194, 161) }
```


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

```
.border{ border-color:rgb(115, 194, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 194, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 194, 161); box-shadow:4px 4px 4px 4px rgb(115, 194, 161) }
```

Background

The CSS property to change the background color of an element to YUV 166.6170, -2.7692, -45.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 194, 161) }
```

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

```
.background{ background-color: rgb(115,  
194, 161) }
```

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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