

Converting Colors

YUV(165.1990, 14.6919,
-45.7785)

Have a look what the booklet for
YUV(165.1990, 14.6919, -45.7785)
contains.

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Color

**YUV(165.1990, 14.6919,
-45.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	71BAC3
RGB	113, 186, 195
RGB Percent	44%, 73%, 76%
CMY	0.5569, 0.2706, 0.2353
CMYK	0.42, 0.05, 0.00, 0.24
HSL	187°, 41%, 60%
HSV	187°, 42%, 76%
XYZ	34.2193, 42.5687, 58.0428
YIQ	165.1990, -46.3970, -12.6770

Conversions

Conversions Part 2

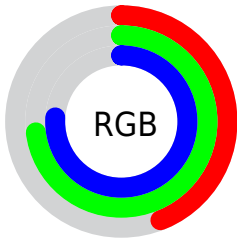
Format	Color
RYB	113, 152, 195
Decimal	7453379
CIELab	71.26, -20.43, -11.72
CIELCh	71, 23.549, 209.834
Yxy	42.5687, 0.2538, 0.3157
Android (android.graphics.Color)	4285643459 (0xFF71BAC3)
YUV	165.1990, 14.6919, -45.7785
Hunter-Lab	65.2447, -20.5591, -7.0742

Details

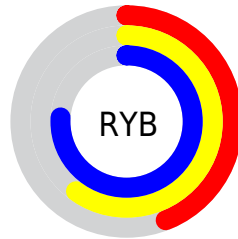
The YUV color **165.1990, 14.6919, -45.7785** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **142.8010, -14.6919, 45.7785**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3130, 15.1287, -45.8785**, and **111.1880, 14.6973, -47.5229** is the 20% darker color. If you saturate the color by 10%, you get **158.0450, 18.2188, -57.0445**, and if you desaturate by 10%, it is **172.3530, 11.1650, -34.5126**.

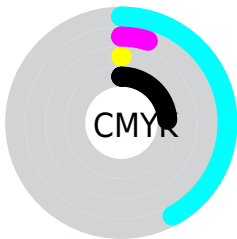
Distribution



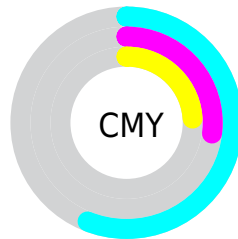
- Red (44%)
- Green (73%)
- Blue (76%)



- Red (44%)
- Yellow (60%)
- Blue (76%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (56%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1990, 14.6919, -45.7785 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 165.1990, 14.6919, -45.7785 by changing the saturation by 10% instead.

■ 165.1990, 14.6919,
-45.7785

■ 165.1990, 14.6919,
-45.7785

255.0000, 0.0000,
0.0000

■ 137.9000, 14.8393,
-46.3933

■ 221.3130, 15.1287,
-45.8785

■ 111.1880, 14.6973,
-47.5229

■ 237.6580, 8.5496,
-35.6571

■ 83.5080, 16.0186,
-51.3115

■ 246.3290, 4.2748,
-17.8285

■ 59.0950, 15.7292,
-51.8263

■ 42.3850, 12.6282,
-37.1716

■ 26.9630, 9.3852,
-23.6466

■ 8.7200, 8.0260,

-7.6474

■ 0.0000, 0.0000,
0.0000

■ 165.1990, 14.6919,
-45.7785

■ 165.1990, 14.6919,
-45.7785

■ 158.0450, 18.2188,
-57.0445

■ 172.3530, 11.1650,
-34.5126

■ 151.1900, 21.5983,
-67.6956

■ 179.2080, 7.7855,
-23.8614

■ 144.3350, 24.9778,
-78.3468

■ 186.0630, 4.4059,
-13.2103

■ 136.5940, 28.7942,
-89.0979

■ 193.8040, 0.5896,
-2.4591

■ 129.7390, 32.1737,
-99.7491

■ 200.6590, -2.7899,
8.1921

■ 124.3680, 34.8216,
-109.0707

■ 207.8130, -6.3168,
19.4580

■ 214.6680, -9.6963,
30.1092

■ 217.6360,
-11.1595, 32.7682

■ 218.8100,
-11.7383, 31.7386

Harmonies

Analogous

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



166.0830, 3.9031, -38.6608



165.1990, 14.6919, -45.7785



167.6650, 21.3642, -39.1712

Triad

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



165.1990, 14.6919, -45.7785



177.8360, 8.9549, 21.1918



173.7080, -20.5620, 15.1651

Complementary

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



165.1990, 14.6919, -45.7785



142.8010, -14.6919, 45.7785

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.



175.6650, -18.5688, 29.2348



165.1990, 14.6919, -45.7785



177.8670, -1.4134, 33.4426

Square

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



165.1990, 14.6919, -45.7785



176.5930, 17.4557, 1.2339



177.2450, -11.4598, 35.7421



171.2110, -16.8660, -3.6930

Rectangle

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



165.1990, 14.6919, -45.7785



171.2580, 22.0578, -28.2903



177.2450, -11.4598, 35.7421



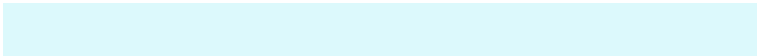
174.4420, -20.4309, 19.7834

Sweetspot

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



165.1990, 14.6919, -45.7785



240.6710, 5.5852, -18.1285



162.0460, -20.2357, -43.0133



119.9600, 3.9637, -11.3659



0.0000, 0.0000, 0.0000



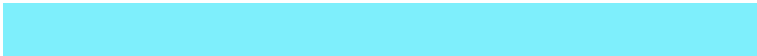
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.1990, 14.6919, -45.7785



206.6950, 22.3354, -70.7695



141.7190, 26.2675, -25.1866



93.4230, 1.7635, -5.6330



102.2950, 28.9416, -89.7127



21.3720, 5.7326, -18.7432

Inverse Universe

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



145.8400, 19.7989, 43.1133



176.5560, 30.7849, 66.1644



166.2810, -26.2675, 25.1866



91.0160, 2.4571, 5.2480



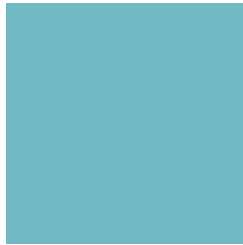
64.4410, 38.7296, 84.6822



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 165.1990, 14.6919, -45.7785 looks on a white background.

Color Contrast Check

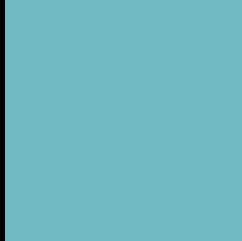
Large Text (above 18pt) WCAG AA × Fail

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 165.1990, 14.6919, -45.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

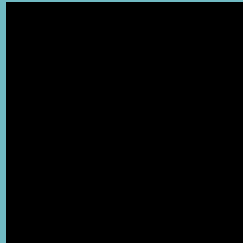
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1990, 14.6919, -45.7785

Background



This preview shows how black text looks on a background with the YUV color 165.1990, 14.6919, -45.7785.

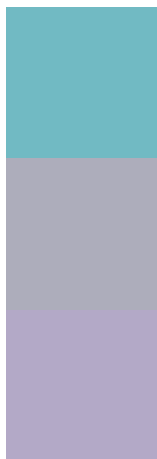


This preview shows how white text looks on a background with the YUV color 165.1990, 14.6919, -45.7785.

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

165.1990, 14.6919, -45.7785

Protanopia

174.5960, 6.1152, -1.3997

Deuteranopia

175.4100, 11.6299, 3.1484



Tritanopia

165.4810, 17.0179, -45.1488

Trichromacy



Original Color

165.1990, 14.6919, -45.7785

Protanomaly

171.2950, 9.2216, -17.7987

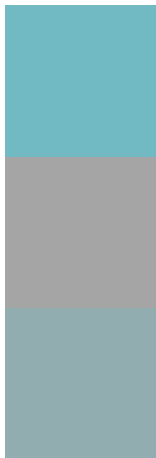
Deuteranomaly

171.6420, 12.9945, -14.5950

Tritanomaly

165.2530, 16.1443, -44.9489

Monochromacy



Original Color

165.1990, 14.6919, -45.7785

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1990, 14.6919, -45.7785 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, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(113, 186, 195)  
}
```

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, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 186, 195) }
```

Border

The CSS property to change the border of an element to YUV 165.1990, 14.6919, -45.7785 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, 186, 195) }
```


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

```
.border{ border-color:rgb(113, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(113, 186,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 165.1990, 14.6919, -45.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 186, 195) }
```

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

```
.background{ background-color: rgb(113,  
186, 195) }
```

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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