

Converting Colors

YUV(150.0070, 15.7725,
-65.7811)

Have a look what the booklet for
YUV(150.0070, 15.7725, -65.7811)
contains.

YUV(150.0070, 15.7725, -65.7811)	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(150.0070, 15.7725,
-65.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB6B6
RGB	75, 182, 182
RGB Percent	29%, 71%, 71%
CMY	0.7059, 0.2863, 0.2863
CMYK	0.59, 0.00, 0.00, 0.29
HSL	180°, 42%, 50%
HSV	180°, 59%, 71%
XYZ	28.0731, 38.3292, 50.1746
YIQ	150.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

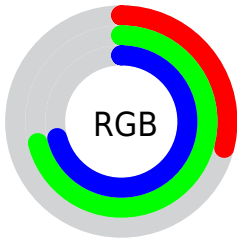
Format	Color
RYB	75, 129, 182
Decimal	4961974
CIELab	68.26, -30.22, -9.20
CIElCh	68, 31.588, 196.932
Yxy	38.3292, 0.2408, 0.3288
Android (android.graphics.Color)	4283152054 (0xFF4BB6B6)
YUV	150.0070, 15.7725, -65.7811
Hunter-Lab	61.9105, -27.4033, -4.7135

Details

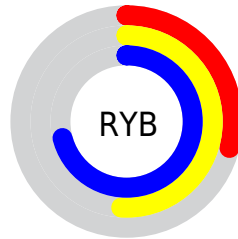
The YUV color **150.0070, 15.7725, -65.7811** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **106.9930, -15.7725, 65.7811**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2030, 15.1829, -63.3220**, and **90.4290, 19.0155, -79.3062** is the 20% darker color. If you saturate the color by 10%, you get **144.6250, 18.4259, -76.8471**, and if you desaturate by 10%, it is **155.3890, 13.1192, -54.7152**.

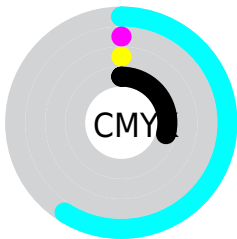
Distribution



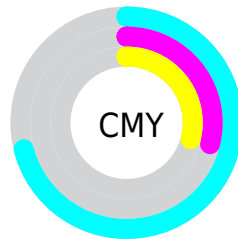
- Red (29%)
- Green (71%)
- Blue (71%)



- Red (29%)
- Yellow (51%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0070, 15.7725, -65.7811 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 150.0070, 15.7725, -65.7811 by changing the saturation by 10% instead.

■ 150.0070, 15.7725,
-65.7811

■ 150.0070, 15.7725,
-65.7811

■ 255.0000, 0.0000,
0.0000

■ 120.6150, 16.9518,
-70.6994

■ 207.2030, 15.1829,
-63.3220

■ 90.4290, 19.0155,
-79.3062

■ 227.7910, 13.4140,
-55.9447

■ 72.3170, 15.6197,
-63.4220

■ 236.4620, 9.1392,
-38.1162

■ 55.4930, 12.0820,
-48.6674

■ 245.4320, 4.7170,
-19.6729

■ 38.7830, 8.9810,
-34.0127

■ 254.4020, 0.2948,
-1.2296

■ 24.6490, 5.5960,
-21.6172

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 150.0070, 15.7725,
-65.7811

■ 150.0070, 15.7725,
-65.7811

■ 144.6250, 18.4259,
-76.8471

■ 155.3890, 13.1192,
-54.7152

■ 139.2430, 21.0792,
-87.9131

■ 160.7710, 10.4659,
-43.6492

■ 133.5620, 23.8799,
-99.5939

■ 166.4520, 7.6652,
-31.9684

■ 128.1800, 26.5333,
-110.6599

■ 171.8340, 5.0118,
-20.9024

■ 127.5820, 26.8281,
-111.8894

■ 177.2160, 2.3585,
-9.8364

■ 182.5980, -0.2948,
1.2296

■ 187.9800, -2.9481,
12.2955

■ 193.6610, -5.7489,
23.9763

■ 199.0430, -8.4022,
35.0423

Harmonies

Analogous

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



154.7850, -0.8800, -44.5384



150.0070, 15.7725, -65.7811



151.0960, 27.5607, -66.7362

Triad

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



150.0070, 15.7725, -65.7811



170.1050, 17.6962, 17.4479



165.4770, -26.8572, 27.6457

Complementary

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



150.0070, 15.7725, -65.7811



106.9930, -15.7725, 65.7811

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.



167.8840, -20.6488, 43.0747



150.0070, 15.7725, -65.7811



170.5070, 4.6800, 39.0204

Square

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



150.0070, 15.7725, -65.7811



167.2090, 26.5190, -12.4613



169.0060, -8.8770, 47.3527



163.2740, -25.7711, 5.8987

Rectangle

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



150.0070, 15.7725, -65.7811



155.9820, 30.5749, -53.4812



169.0060, -8.8770, 47.3527



166.5640, -25.4211, 33.7084

Sweetspot

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



150.0070, 15.7725, -65.7811



224.1430, 6.3385, -26.4354



137.8090, -30.9648, -55.0835



111.9270, 3.9800, -16.5990



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.0070, 15.7725, -65.7811



186.7680, 24.7644, -103.2825



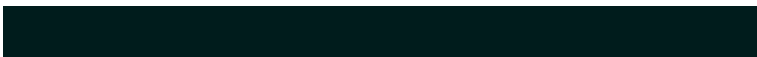
118.8960, 31.1103, -38.4968



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Inverse Universe

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



119.1910, 30.9648, 55.0835



138.3840, 48.6177, 86.4862



138.6910, -31.3997, 37.9820



86.7170, 2.6045, 4.6332



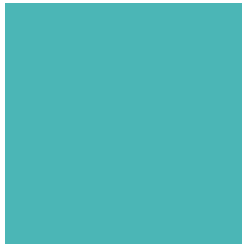
64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 150.0070, 15.7725, -65.7811 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 150.0070, 15.7725, -65.7811 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

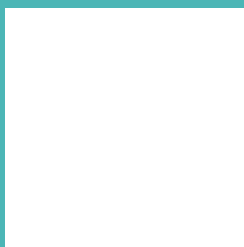
Any Text WCAG AAA ✓ Pass

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

YUV 150.0070, 15.7725, -65.7811 Background



This preview shows how black text looks on a background with the YUV color 150.0070, 15.7725, -65.7811.



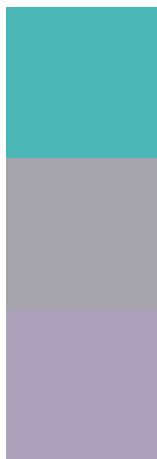
This preview shows how white text looks on a background with the YUV color 150.0070, 15.7725, -65.7811.

-65.7811.

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

150.0070, 15.7725, -65.7811

Protanopia

165.3960, 2.7628, 0.5297

Deuteranopia

166.9540, 9.8827, 3.5483



Tritanopia

151.8100, 21.2927, -62.9774

Trichromacy



Original Color

150.0070, 15.7725, -65.7811

Protanomaly

160.0940, 7.3487, -23.7614

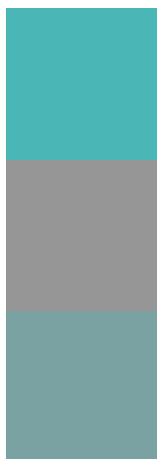
Deuteranomaly

160.9570, 11.8532, -21.8873

Tritanomaly

151.2290, 19.1141, -64.2218

Monochromacy



Original Color

150.0070, 15.7725, -65.7811

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.3390, 5.7489, -23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0070, 15.7725, -65.7811 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(75, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(75, 182, 182)  
}
```

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(75, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 182, 182) }
```

Border

The CSS property to change the border of an element to YUV 150.0070, 15.7725, -65.7811 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(75, 182, 182) }
```


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

```
.border{ border-color:rgb(75, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(75, 182,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 150.0070, 15.7725, -65.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 182, 182) }
```

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

```
.background{ background-color: rgb(75, 182,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor