

# Converting Colors

YUV(184.7700, 25.2564,  
-74.3433)

Have a look what the booklet for  
YUV(184.7700, 25.2564, -74.3433)  
contains.

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# Color

**YUV(184.7700, 25.2564,  
-74.3433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64DAEC
RGB	100, 218, 236
RGB Percent	39%, 85%, 93%
CMY	0.6078, 0.1451, 0.0745
CMYK	0.58, 0.08, 0.00, 0.07
HSL	188°, 78%, 66%
HSV	188°, 58%, 93%
XYZ	45.4673, 58.9083, 88.3309
YIQ	184.7700, -76.1060, -19.4180

# Conversions

## Conversions Part 2

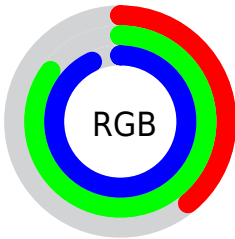
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	100, 163, 236
Decimal	6609644
CIELab	81.24, -28.10, -18.87
CIELCh	81, 33.850, 213.885
Yxy	58.9083, 0.2359, 0.3057
Android (android.graphics.Color)	4284799724 (0xFF64DAEC)
YUV	184.7700, 25.2564, -74.3433
Hunter-Lab	76.7517, -28.5732, -14.5086

# Details

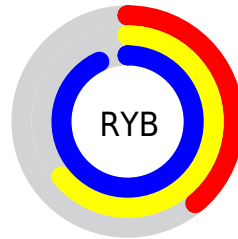
The YUV color **184.7700, 25.2564, -74.3433** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.2300, -25.2564, 74.3433**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **121.2840, 28.9470, -91.4571** is the 20% darker color. If you saturate the color by 10%, you get **175.8330, 29.6623, -87.5535**, and if you desaturate by 10%, it is **193.7070, 20.8504, -61.1330**.

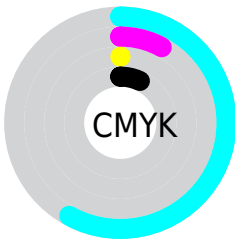
# Distribution



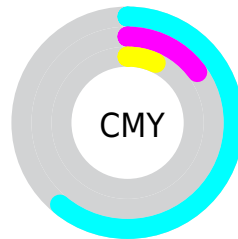
- Red (39%)
- Green (85%)
- Blue (93%)



- Red (39%)
- Yellow (64%)
- Blue (93%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.7700, 25.2564, -74.3433 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 184.7700, 25.2564, -74.3433 by changing the saturation by 10% instead.



184.7700, 25.2564,  
-74.3433

184.7700, 25.2564,  
-74.3433

255.0000, 0.0000,  
0.0000

154.9760, 26.1408,  
-78.0320

226.8940, 13.8563,  
-57.7890

121.2840, 28.9470,  
-91.4571

236.1630, 9.2866,  
-38.7310

97.2740, 27.4729,  
-85.3093

245.1330, 4.8644,  
-20.2876

79.6350, 23.3509,  
-69.8399

254.4020, 0.2948,  
-1.2296

62.1100, 19.6658,  
-54.4705

45.2860, 16.1280,  
-39.7158

29.7500, 12.4483,

-26.0907

■ 10.3330, 11.6678,  
-9.0620

■ 1.0260, 3.9312,  
-0.8998

■ 184.7700, 25.2564,  
-74.3433

■ 184.7700, 25.2564,  
-74.3433

■ 175.8330, 29.6623,  
-87.5535

■ 193.7070, 20.8504,  
-61.1330

■ 167.1950, 33.9209,  
-100.1490

■ 202.3450, 16.5919,  
-48.5376

■ 158.2580, 38.3268,  
-113.3593

■ 211.2820, 12.1860,  
-35.3273

■ 149.6200, 42.5853,  
-125.9547

■ 219.9200, 7.9274,  
-22.7318

■ 147.2390, 43.7592,  
-129.1286

■ 229.4440, 3.2321,  
-10.0364

■ 238.3810, -1.1738,  
3.1739

■ 244.0290, -3.9583,  
9.6216

■ 245.7900, -4.8265,  
8.0772

■ 247.5510, -5.6946,  
6.5328

# Harmonies

## Analogous

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



186.3080, 9.2152, -62.5371



184.7700, 25.2564, -74.3433



190.5790, 31.7596, -60.1438

# Triad

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



184.7700, 25.2564, -74.3433



206.6080, 11.5323, 34.5468



199.4990, -30.3190, 17.9794

# Complementary

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



184.7700, 25.2564, -74.3433



151.2300, -25.2564, 74.3433

# 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.



202.0270, -27.6213, 39.4413



184.7700, 25.2564, -74.3433



203.4170, -2.1776, 45.2383

# Square

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



184.7700, 25.2564, -74.3433



205.0480, 24.1333, 6.0969



201.6440, -16.5865, 46.7932



195.7560, -23.5437, -8.5560

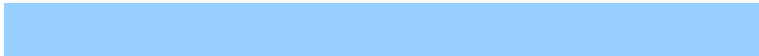


# Rectangle

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



184.7700, 25.2564, -74.3433



195.7280, 29.2211, -39.2265



201.6440, -16.5865, 46.7932



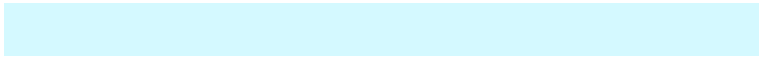
200.8420, -30.4881, 25.5716

# Sweetspot

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



184.7700, 25.2564, -74.3433



238.6210, 8.0748, -23.3466



181.6560, -32.3684, -71.6123



117.8780, 4.9901, -13.9250



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

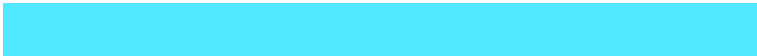


# Same Dimension

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



184.7700, 25.2564, -74.3433



188.8750, 32.5996, -96.3604



146.0280, 44.3562, -40.3666



113.1240, 1.9109, -6.2477



112.7930, 33.6261, -98.9195



33.1580, 10.2751, -29.0796



# Inverse Universe

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



154.1160, 31.4948, 71.8123



149.0660, 40.8865, 92.9041



189.9720, -44.3562, 40.3666



110.4290, 2.7465, 5.7628



72.0170, 41.8966, 95.5781

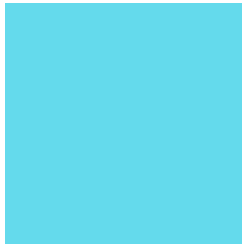


21.3900, 12.1327, 28.5990



# Previews

## White Background



This preview shows how the YUV color 184.7700, 25.2564, -74.3433 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

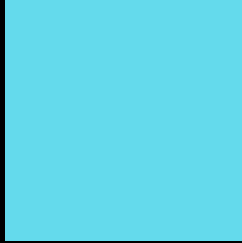
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.7700, 25.2564, -74.3433 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 184.7700, 25.2564, -74.3433 Background



This preview shows how black text looks on a background with the YUV color 184.7700, 25.2564, -74.3433.



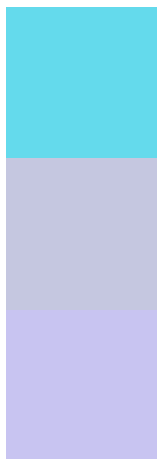
This preview shows how white text looks on a background with the YUV color 184.7700, 25.2564, -74.3433.

-74.3433.

# 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

184.7700, 25.2564, -74.3433

### Protanopia

201.2520, 11.2148, -3.7290

### Deuteranopia

202.3260, 19.0663, -2.0399



## Tritanopia

184.7700, 25.2564, -74.3433

# Trichromacy



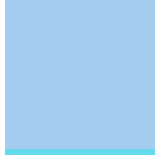
## Original Color

184.7700, 25.2564, -74.3433



## Protanomaly

195.3520, 16.0955, -29.2497



## Deuteranomaly

196.0300, 21.1842, -28.0903



## Tritanomaly

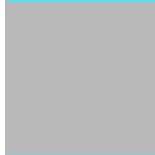
184.7700, 25.2564, -74.3433

# Monochromacy



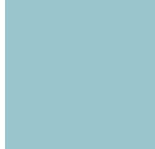
## Original Color

184.7700, 25.2564, -74.3433



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

184.9410, 9.3961, -27.1353

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.7700, 25.2564, -74.3433 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(100, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(100, 218, 236)  
}
```

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(100, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 218, 236) }
```

## Border

The CSS property to change the border of an element to YUV 184.7700, 25.2564, -74.3433 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(100, 218, 236) }
```



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

```
.border{ border-color:rgb(100, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 218, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 218, 236); box-shadow:4px 4px 4px 4px rgb(100, 218, 236) }
```

# Background

The CSS property to change the background color of an element to YUV 184.7700, 25.2564, -74.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 218, 236) }
```

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

```
.background{ background-color: rgb(100,  
218, 236) }
```

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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