

Converting Colors

YUV(153.9850, 35.9964,
-65.7618)

Have a look what the booklet for
YUV(153.9850, 35.9964, -65.7618)
contains.

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Color

**YUV(153.9850, 35.9964,
-65.7618)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB2E3
RGB	79, 178, 227
RGB Percent	31%, 70%, 89%
CMY	0.6902, 0.3020, 0.1098
CMYK	0.65, 0.22, 0.00, 0.11
HSL	200°, 73%, 60%
HSV	200°, 65%, 89%
XYZ	33.0100, 39.0491, 78.4705
YIQ	153.9850, -74.7330, -5.7490

Conversions

Conversions Part 2

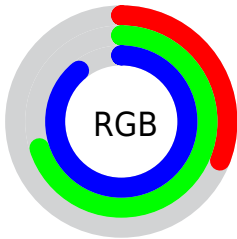
Format	Color
R_{YB}	79, 138, 227
Decimal	5223139
CIE _{Lab}	68.79, -14.00, -33.13
CIE _{LCh}	69, 35.967, 247.087
Yxy	39.0491, 0.2193, 0.2594
Android (android.graphics.Color)	4283413219 (0xFF4FB2E3)
YUV	153.9850, 35.9964, -65.7618
Hunter-Lab	62.4893, -15.0636, -30.7105

Details

The YUV color **153.9850, 35.9964, -65.7618** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **152.0150, -35.9964, 65.7618**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8860, 22.7342, -58.6590**, and **92.8690, 38.5186, -81.4461** is the 20% darker color. If you saturate the color by 10%, you get **142.4120, 41.7019, -75.7833**, and if you desaturate by 10%, it is **165.5580, 30.2909, -55.7404**.

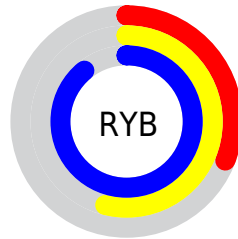
Distribution



Red (31%)

Green (70%)

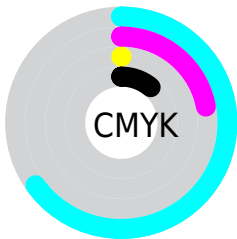
Blue (89%)



Red (31%)

Yellow (54%)

Blue (89%)

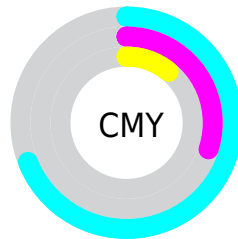


Cyan (65%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9850, 35.9964, -65.7618 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 153.9850, 35.9964, -65.7618 by changing the saturation by 10% instead.

■ 153.9850, 35.9964,
-65.7618

■ 153.9850, 35.9964,
-65.7618

■ 255.0000, 0.0000,
0.0000

■ 123.2830, 37.3285,
-73.0392

■ 208.8860, 22.7342,
-58.6590

■ 92.8690, 38.5186,
-81.4461

■ 230.1830, 12.2348,
-51.0265

■ 75.2300, 34.3966,
-65.9767

■ 239.1530, 7.8126,
-32.5832

■ 58.7650, 29.6959,
-51.5369

■ 248.1230, 3.3904,
-14.1399

■ 42.4140, 25.4319,
-37.1971

■ 27.3510, 21.0260,
-23.9868

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 153.9850, 35.9964,
-65.7618

■ 153.9850, 35.9964,
-65.7618

■ 142.4120, 41.7019,
-75.7833

■ 165.5580, 30.2909,
-55.7404

■ 131.7250, 46.9706,
-85.7048

■ 176.2450, 25.0222,
-45.8189

■ 120.1520, 52.6761,
-95.7263

■ 187.8180, 19.3167,
-35.7974

■ 115.1020, 55.1657,
-100.9445

■ 198.8040, 13.9006,
-25.2611

■ 210.3770, 8.1951,
-15.2396

■ 221.0640, 2.9264,
-5.3181

■ 232.6370, -2.7790,
4.7034

■ 241.8290, -7.3107,
11.5510

■ 246.5250, -9.6258,
7.4326

Harmonies

Analogous

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



142.8540, 31.1310, -91.9570



153.9850, 35.9964, -65.7618



165.1300, 32.9669, -27.3010

Triad

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



153.9850, 35.9964, -65.7618



171.3640, -5.1095, 52.3008



160.9620, -22.6593, -12.2447

Complementary

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



153.9850, 35.9964, -65.7618



152.0150, -35.9964, 65.7618

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.



164.7760, -30.4556, 15.1054



153.9850, 35.9964, -65.7618



169.2810, -19.3655, 51.4966

Square

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



153.9850, 35.9964, -65.7618



172.1030, 10.7952, 37.6207



167.5600, -29.3631, 38.0969



155.4880, -7.1426, -42.5240

Rectangle

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



153.9850, 35.9964, -65.7618



170.2040, 27.5074, -2.8099



167.5600, -29.3631, 38.0969



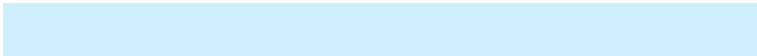
162.6920, -26.4702, -3.2379

Sweetspot

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



153.9850, 35.9964, -65.7618



229.7720, 12.4374, -22.6020



171.2340, -22.3004, -80.8892



112.2740, 7.7529, -13.3953



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.



153.9850, 35.9964, -65.7618



156.7570, 48.4338, -88.3639



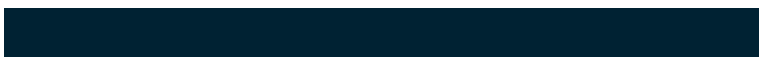
111.7210, 56.8325, -28.6963



109.0640, 2.9264, -5.3181



90.2590, 43.7493, -79.1571



25.7720, 12.4374, -22.6020

Inverse Universe

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



134.5380, 21.4268, 81.0892



130.6630, 28.7601, 109.0435



194.2790, -56.8325, 28.6963



107.5000, 1.7255, 6.5775



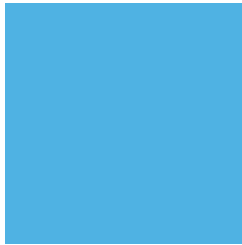
67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 153.9850, 35.9964, -65.7618 looks on a white background.

Color Contrast Check

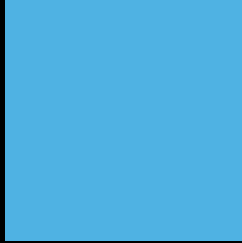
Large Text (above 18pt) WCAG AA × Fail

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 153.9850, 35.9964, -65.7618 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

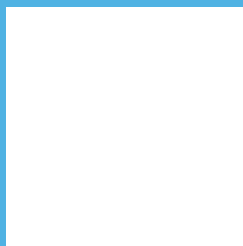
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.9850, 35.9964, -65.7618

Background



This preview shows how black text looks on a background with the YUV color 153.9850, 35.9964, -65.7618.



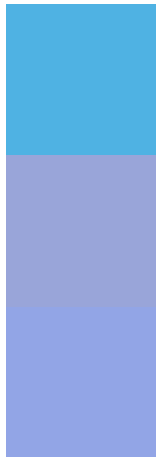
This preview shows how white text looks on a background with the YUV color 153.9850, 35.9964, -65.7618.

-65.7618.

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

153.9850, 35.9964, -65.7618

Protanopia

167.3400, 24.4824, -12.5762

Deuteranopia

166.7290, 31.1926, -18.1793



Tritanopia

148.8300, 24.2408, -75.2729

Trichromacy



Original Color

153.9850, 35.9964, -65.7618

Protanomaly

162.6580, 28.7626, -32.1491

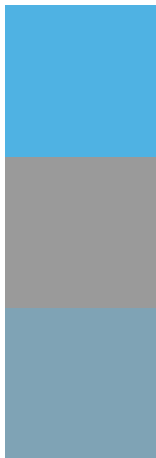
Deuteranomaly

162.3740, 32.8466, -35.4080

Tritanomaly

150.7040, 28.7399, -71.6544

Monochromacy



Original Color

153.9850, 35.9964, -65.7618

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2880, 13.1690, -23.9316

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9850, 35.9964, -65.7618 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(79, 178, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 178, 227)  
}
```

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(79, 178, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 178, 227) }
```

Border

The CSS property to change the border of an element to YUV 153.9850, 35.9964, -65.7618 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(79, 178, 227) }
```


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

```
.border{ border-color:rgb(79, 178, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 178, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 178, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 178, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 178,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 153.9850, 35.9964, -65.7618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 178, 227) }
```

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

```
.background{ background-color: rgb(79, 178,  
227) }
```

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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