

Converting Colors

YUV(184.9750, 34.5223,
-59.6141)

Have a look what the booklet for
YUV(184.9750, 34.5223, -59.6141)
contains.

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Color

**YUV(184.9750, 34.5223,
-59.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	75CEFF
RGB	117, 206, 255
RGB Percent	46%, 81%, 100%
CMY	0.5412, 0.1922, 0.0000
CMYK	0.54, 0.19, 0.00, 0.00
HSL	201°, 100%, 73%
HSV	201°, 54%, 100%
XYZ	47.4574, 55.1445, 102.7504
YIQ	184.9750, -68.7730, -3.6290

Conversions

Conversions Part 2

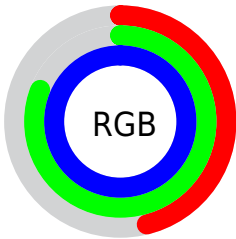
Format	Color
RYB	117, 171, 255
Decimal	7720703
CIELab	79.12, -13.35, -32.16
CIELCh	79, 34.826, 247.455
Yxy	55.1445, 0.2311, 0.2685
Android (android.graphics.Color)	4285910783 (0xFF75CEFF)
YUV	184.9750, 34.5223, -59.6141
Hunter-Lab	74.2594, -15.8787, -30.0562

Details

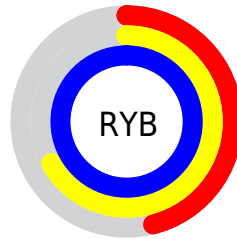
The YUV color **184.9750, 34.5223, -59.6141** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **187.0250, -34.5223, 59.6141**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **127.0450, 34.9808, -66.6915** is the 20% darker color. If you saturate the color by 10%, you get **171.9180, 40.9594, -70.9651**, and if you desaturate by 10%, it is **198.0320, 28.0852, -48.2631**.

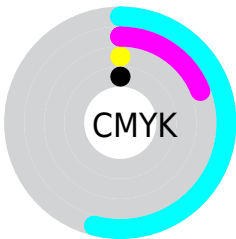
Distribution



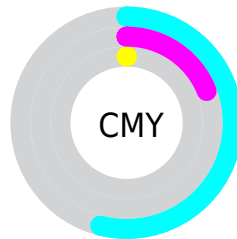
- Red (46%)
- Green (81%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.9750, 34.5223, -59.6141 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 184.9750, 34.5223, -59.6141 by changing the saturation by 10% instead.

■ 184.9750, 34.5223,
-59.6141

■ 184.9750, 34.5223,
-59.6141

255.0000, 0.0000,
0.0000

■ 156.5510, 34.2384,
-61.8732

■ 231.6780, 11.4977,
-47.9526

■ 127.0450, 34.9808,
-66.6915

■ 240.6480, 7.0755,
-29.5093

■ 93.4560, 38.2292,
-81.9609

■ 249.6180, 2.6533,
-11.0660

■ 75.7030, 33.6704,
-66.3915

■ 58.6510, 29.2591,
-51.4369

■ 42.3000, 24.9951,
-37.0971

■ 27.2370, 20.5892,

-23.8868

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 184.9750, 34.5223,
-59.6141

■ 184.9750, 34.5223,
-59.6141

■ 171.9180, 40.9594,
-70.9651

■ 198.0320, 28.0852,
-48.2631

■ 159.1600, 47.2491,
-81.7013

■ 210.7900, 21.7955,
-37.5268

■ 146.1030, 53.6862,
-93.0523

■ 223.8470, 15.3584,
-26.1758

■ 133.3450, 59.9759,
-103.7886

■ 236.6050, 9.0687,
-15.4396

■ 125.3380, 63.9234,
-109.9214

■ 249.3630, 2.7790,
-4.7034

255.0000, 0.0000,
0.0000

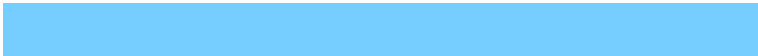
Harmonies

Analogous

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



177.7310, 27.7406, -77.8171



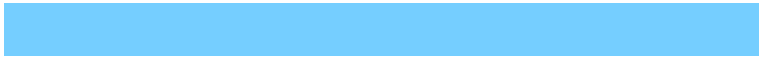
184.9750, 34.5223, -59.6141



193.4570, 30.3407, -24.9568

Triad

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



184.9750, 34.5223, -59.6141



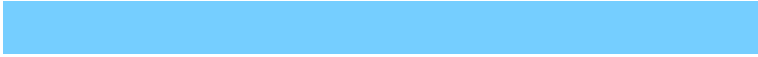
198.7550, -4.8092, 49.3269



189.6630, -22.5119, -12.8595

Complementary

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



184.9750, 34.5223, -59.6141



187.0250, -34.5223, 59.6141

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.



193.6620, -30.8924, 15.2054



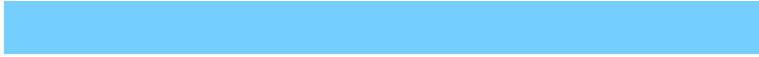
184.9750, 34.5223, -59.6141



197.5690, -19.5075, 50.3670

Square

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



184.9750, 34.5223, -59.6141



200.9890, 10.3584, 37.7206



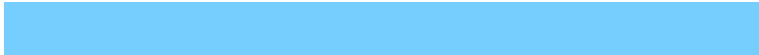
196.2610, -29.2157, 37.4821



184.7870, -7.2900, -41.9092

Rectangle

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



184.9750, 34.5223, -59.6141



198.6880, 26.7758, -1.4804



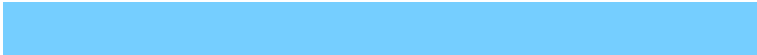
196.2610, -29.2157, 37.4821



190.8060, -26.0334, -3.3379

Sweetspot

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



184.9750, 34.5223, -59.6141



234.5230, 10.0952, -17.9987



203.4780, -18.9697, -75.8412



115.2420, 6.2897, -10.7362



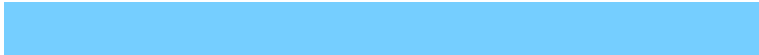
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



184.9750, 34.5223, -59.6141



170.7330, 41.5436, -71.6798



145.0590, 54.2009, -24.6077



121.1780, 3.3632, -5.4181



93.9750, 47.8333, -82.4161



31.3630, 16.0900, -27.5054

Inverse Universe

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



168.4080, 18.5329, 75.9412



150.8320, 22.2678, 91.3553



226.9410, -54.2009, 24.6077



119.7990, 1.5781, 7.1923



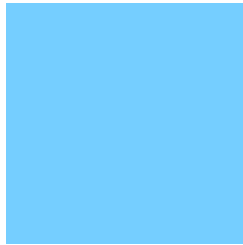
71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 184.9750, 34.5223, -59.6141 looks on a white background.

Color Contrast Check

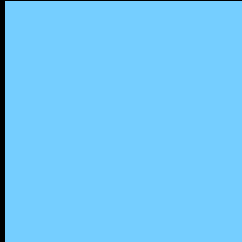
Large Text (above 18pt) WCAG AA × Fail

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 184.9750, 34.5223, -59.6141 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

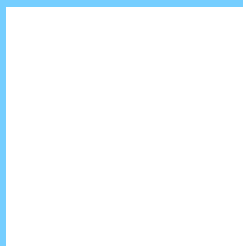
Any Text WCAG AAA ✓ Pass

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

YUV 184.9750, 34.5223, -59.6141 Background



This preview shows how black text looks on a background with the YUV color 184.9750, 34.5223, -59.6141.



This preview shows how white text looks on a background with the YUV color 184.9750, 34.5223, -59.6141.

-59.6141.

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

184.9750, 34.5223, -59.6141

Protanopia

195.6390, 24.3350, -11.9614

Deuteranopia

195.5940, 29.2872, -13.6759



Tritanopia

181.8420, 22.7559, -65.6364

Trichromacy



Original Color

184.9750, 34.5223, -59.6141

Protanomaly

191.8540, 28.1730, -29.6900

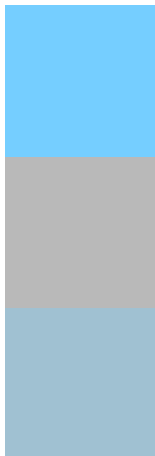
Deuteranomaly

191.6520, 31.2306, -30.3898

Tritanomaly

183.0040, 27.1130, -63.1475

Monochromacy



Original Color

184.9750, 34.5223, -59.6141

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0710, 12.2900, -21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9750, 34.5223, -59.6141 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(117, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 206, 255)  
}
```

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(117, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 206, 255) }
```

Border

The CSS property to change the border of an element to YUV 184.9750, 34.5223, -59.6141 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(117, 206, 255) }
```


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

```
.border{ border-color:rgb(117, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(117, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 206,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 184.9750, 34.5223, -59.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 206, 255) }
```

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

```
.background{ background-color: rgb(117,  
206, 255) }
```

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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