

Converting Colors

YUV(195.7740, 29.1984,
-78.7318)

Have a look what the booklet for
YUV(195.7740, 29.1984, -78.7318)
contains.

YUV(195.7740, 29.1984, -78.7318)	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(195.7740, 29.1984,
-78.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	6AE6FF
RGB	106, 230, 255
RGB Percent	42%, 90%, 100%
CMY	0.5843, 0.0980, 0.0000
CMYK	0.58, 0.10, 0.00, 0.00
HSL	190°, 100%, 71%
HSV	190°, 58%, 100%
XYZ	52.2907, 66.8778, 104.7604
YIQ	195.7740, -81.9290, -18.5130

Conversions

Conversions Part 2

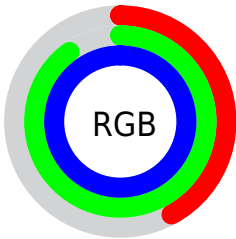
Format	Color
R_{YB}	106, 174, 255
Decimal	7005951
CIE _{Lab}	85.44, -27.55, -22.54
CIE _{LCh}	85, 35.599, 219.290
Yxy	66.8778, 0.2335, 0.2987
Android (android.graphics.Color)	4285196031 (0xFF6AE6FF)
YUV	195.7740, 29.1984, -78.7318
Hunter-Lab	81.7788, -28.9773, -18.7066

Details

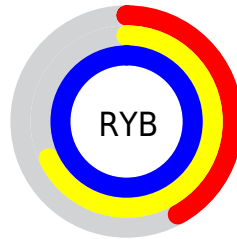
The YUV color **195.7740, 29.1984, -78.7318** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **165.2260, -29.1984, 78.7318**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **131.5870, 32.7416, -95.2308** is the 20% darker color. If you saturate the color by 10%, you get **185.9510, 34.0412, -92.0420**, and if you desaturate by 10%, it is **205.8960, 24.2083, -64.8068**.

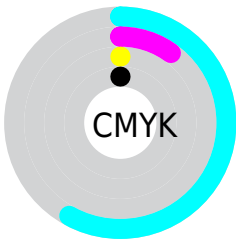
Distribution



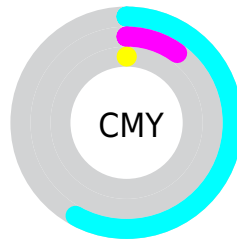
- Red (42%)
- Green (90%)
- Blue (100%)



- Red (42%)
- Yellow (68%)
- Blue (100%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.7740, 29.1984, -78.7318 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 195.7740, 29.1984, -78.7318 by changing the saturation by 10% instead.

195.7740, 29.1984,
-78.7318

195.7740, 29.1984,
-78.7318

255.0000, 0.0000,
0.0000

165.5670, 29.7935,
-82.9353

229.2860, 12.6770,
-52.8708

131.5870, 32.7416,
-95.2308

238.2560, 8.2548,
-34.4275

105.7830, 32.1520,
-92.7717

247.5250, 3.6852,
-15.3694

87.4430, 27.8826,
-76.6875

69.9180, 24.1974,
-61.3181

52.9800, 20.2229,
-46.4635

36.7430, 16.3957,

-32.2236

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 195.7740, 29.1984,
-78.7318

■ 195.7740, 29.1984,
-78.7318

■ 185.9510, 34.0412,
-92.0420

■ 205.8960, 24.2083,
-64.8068

■ 175.2420, 39.3207,
-105.4522

■ 216.3060, 19.0761,
-52.0114

■ 165.4190, 44.1634,
-118.7625

■ 226.4280, 14.0860,
-38.0864

■ 155.2970, 49.1536,
-132.6875

■ 236.2510, 9.2433,
-24.7761

■ 153.5140, 50.0326,
-134.6318

■ 246.3730, 4.2531,
-10.8511

255.0000, 0.0000,
0.0000

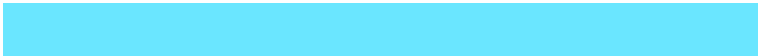
Harmonies

Analogous

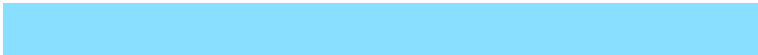
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.2900, 13.1680, -70.4143



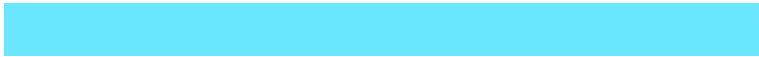
195.7740, 29.1984, -78.7318



200.6350, 26.8019, -56.6849

Triad

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



195.7740, 29.1984, -78.7318



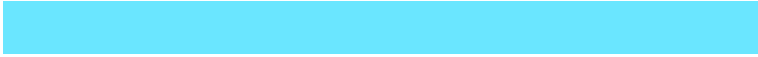
216.0810, 10.8061, 34.1320



210.8360, -31.4711, 14.1758

Complementary

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



195.7740, 29.1984, -78.7318



165.2260, -29.1984, 78.7318

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.



212.6200, -30.3787, 37.1673



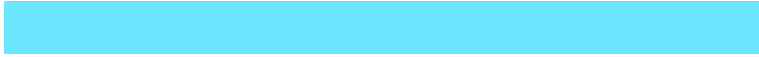
195.7740, 29.1984, -78.7318



209.8570, -2.8875, 39.5904

Square

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



195.7740, 29.1984, -78.7318



216.4250, 19.0175, 13.6593



209.1440, -18.3120, 40.2157



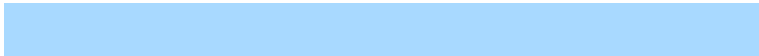
206.6520, -22.5064, -14.6038

Rectangle

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



195.7740, 29.1984, -78.7318



206.6810, 23.8213, -33.9232



209.1440, -18.3120, 40.2157



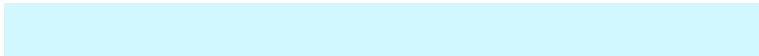
211.6630, -32.3719, 23.0975

Sweetspot

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



195.7740, 29.1984, -78.7318



236.5500, 9.0958, -24.1614



196.3130, -32.1993, -79.2045



116.3940, 5.7218, -15.2545



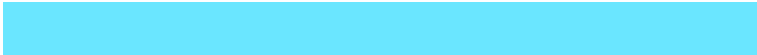
0.0000, 0.0000, 0.0000



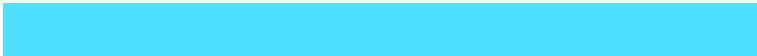
128.0000, 0.0000, 0.0000

Same Dimension

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



195.7740, 29.1984, -78.7318



184.1680, 34.9202, -93.9863



152.3360, 50.6134, -40.6367



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488



38.4070, 12.6173, -33.6829

Inverse Universe

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



164.6870, 32.1993, 79.2045



147.0940, 38.4077, 94.6336



208.6640, -50.6134, 40.6367



120.0270, 2.4517, 6.9923



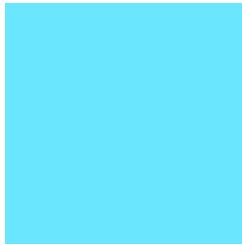
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 195.7740, 29.1984, -78.7318 looks on a white background.

Color Contrast Check

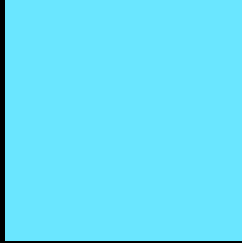
Large Text (above 18pt) WCAG AA × Fail

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 195.7740, 29.1984, -78.7318 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

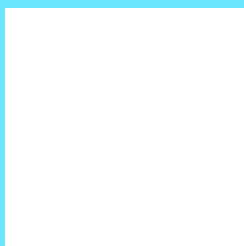
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.7740, 29.1984, -78.7318

Background



This preview shows how black text looks on a background with the YUV color 195.7740, 29.1984, -78.7318.



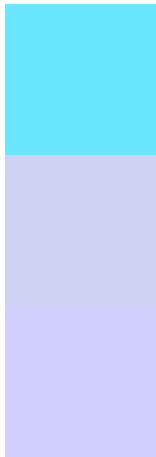
This preview shows how white text looks on a background with the YUV color 195.7740, 29.1984, -78.7318.

-78.7318.

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

195.7740, 29.1984, -78.7318

Protanopia

212.7510, 14.4198, -5.0436

Deuteranopia

213.6570, 20.3821, -4.0842



Tritanopia

195.1930, 27.0199, -79.9763

Trichromacy



Original Color

195.7740, 29.1984, -78.7318

Protanomaly

206.3670, 20.0321, -31.8939

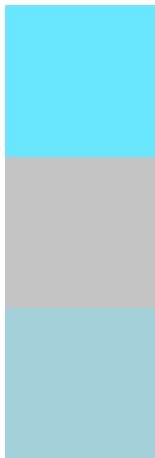
Deuteranomaly

207.2900, 23.5210, -30.9493

Tritanomaly

195.7200, 27.7460, -79.5614

Monochromacy



Original Color

195.7740, 29.1984, -78.7318

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.5710, 10.5645, -28.5648

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.7740, 29.1984, -78.7318 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(106, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 230, 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(106, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 230, 255) }
```

Border

The CSS property to change the border of an element to YUV 195.7740, 29.1984, -78.7318 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(106, 230, 255) }
```


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

```
.border{ border-color:rgb(106, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 195.7740, 29.1984, -78.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 230, 255) }
```

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

```
.background{ background-color: rgb(106,  
230, 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](#).

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