

Converting Colors

YUV(204.3770, 11.1531,
-77.5066)

Have a look what the booklet for
YUV(204.3770, 11.1531, -77.5066)
contains.

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Color

**YUV(204.3770, 11.1531,
-77.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	74F5E3
RGB	116, 245, 227
RGB Percent	45%, 96%, 89%
CMY	0.5451, 0.0392, 0.1098
CMYK	0.53, 0.00, 0.07, 0.04
HSL	172°, 87%, 71%
HSV	172°, 53%, 96%
XYZ	53.7200, 74.5639, 84.2340
YIQ	204.3770, -71.1060, -32.9460

Conversions

Conversions Part 2

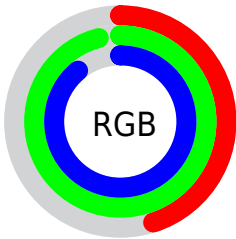
Format	Color
R_{YB}	116, 185, 245
Decimal	7665123
CIE _{Lab}	89.19, -40.00, -2.24
CIE _{LCh}	89, 40.062, 183.206
Yxy	74.5639, 0.2528, 0.3509
Android (android.graphics.Color)	4285855203 (0xFF74F5E3)
YUV	204.3770, 11.1531, -77.5066
Hunter-Lab	86.3504, -40.0654, 2.6084

Details

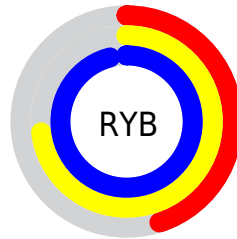
The YUV color **204.3770, 11.1531, -77.5066** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **156.6230, -11.1531, 77.5066**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3790, 11.6452, -48.5674**, and **144.3160, 13.6482, -84.4691** is the 20% darker color. If you saturate the color by 10%, you get **196.8590, 13.3805, -91.9613**, and if you desaturate by 10%, it is **212.1940, 8.7784, -62.4371**.

Distribution



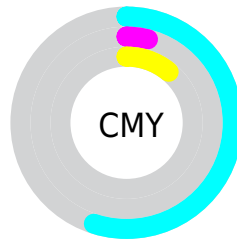
- Red (45%)
- Green (96%)
- Blue (89%)



- Red (45%)
- Yellow (73%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (55%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.3770, 11.1531, -77.5066 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 204.3770, 11.1531, -77.5066 by changing the saturation by 10% instead.


 204.3770, 11.1531,
-77.5066

 204.3770, 11.1531,
-77.5066


255.0000, 0.0000,
0.0000


 174.5940, 12.0322,
-79.4509


 231.3790, 11.6452,
-48.5674


 144.3160, 13.6482,
-84.4691


 240.6480, 7.0755,
-29.5093

 111.0370, 16.7438,
-97.3794

 249.6180, 2.6533,
-11.0660

 92.3380, 13.6374,
-80.9804

 74.2260, 10.2416,
-65.0962

 56.8150, 6.9932,
-49.8268

 40.2190, 4.3290,

-35.2721

■ 25.4980, 1.2335,
-22.3617

■ 0.2280, 0.8736,
-0.2000

■ 204.3770, 11.1531,
-77.5066

■ 204.3770, 11.1531,
-77.5066

■ 196.8590, 13.3805,
-91.9613

■ 212.1940, 8.7784,
-62.4371

■ 188.9280, 15.3185,
-106.9309

■ 219.8260, 6.9878,
-48.0824

■ 181.4100, 17.5459,
-121.3856

■ 227.6430, 4.6130,
-33.0129

■ 173.4790, 19.4839,
-136.3551

■ 235.2750, 2.8224,
-18.6582

■ 167.8690, 21.2636,
-147.2211

■ 243.0920, 0.4476,
-3.5887

■ 248.3320, -0.1637,
5.8478

■ 248.6740, 1.1467,
5.5479

■ 249.0160, 2.4571,
5.2480

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



211.3260, -11.4997, -45.0129



204.3770, 11.1531, -77.5066



199.8060, 27.2106, -94.5459

Triad

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



204.3770, 11.1531, -77.5066



224.3660, 15.1026, 9.3260



217.4130, -29.7836, 32.9638

Complementary

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



204.3770, 11.1531, -77.5066



156.6230, -11.1531, 77.5066

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.



214.0340, -14.8068, 35.9272



204.3770, 11.1531, -77.5066



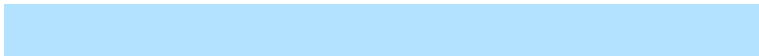
223.3020, 15.6271, 27.7991

Square

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



204.3770, 11.1531, -77.5066



215.2530, 19.5953, -31.7939



215.9040, 2.5123, 34.2872



221.2130, -36.5870, 21.7382

Rectangle

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



204.3770, 11.1531, -77.5066



201.6440, 26.3045, -83.8798



215.9040, 2.5123, 34.2872



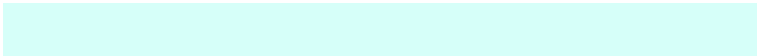
215.8630, -25.5685, 34.3231

Sweetspot

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



204.3770, 11.1531, -77.5066



242.0570, 3.4229, -24.6060



197.4040, -40.1322, -54.7283



120.0690, 1.9380, -14.9695



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.



204.3770, 11.1531, -77.5066



204.3530, 14.1230, -96.7796



180.0140, 32.0381, -56.1403



118.2980, 1.3321, -7.2773



127.4220, 16.0610, -111.7491



40.3330, 4.7658, -35.3720

Inverse Universe

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



156.6230, -11.1531, 77.5066



144.7610, -13.6862, 96.6796



180.9860, -32.0381, 56.1403



113.8160, -0.8953, 7.1774



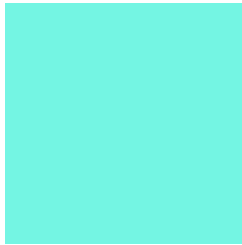
58.5780, -16.0610, 111.7491



18.5530, -5.2026, 35.4720

Previews

White Background



This preview shows how the YUV color 204.3770, 11.1531, -77.5066 looks on a white background.

Color Contrast Check

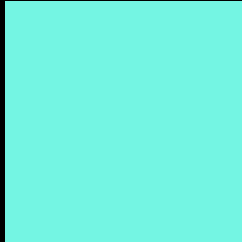
Large Text (above 18pt) WCAG AA × Fail

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 204.3770, 11.1531, -77.5066 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 204.3770, 11.1531, -77.5066 Background



This preview shows how black text looks on a background with the YUV color 204.3770, 11.1531, -77.5066.



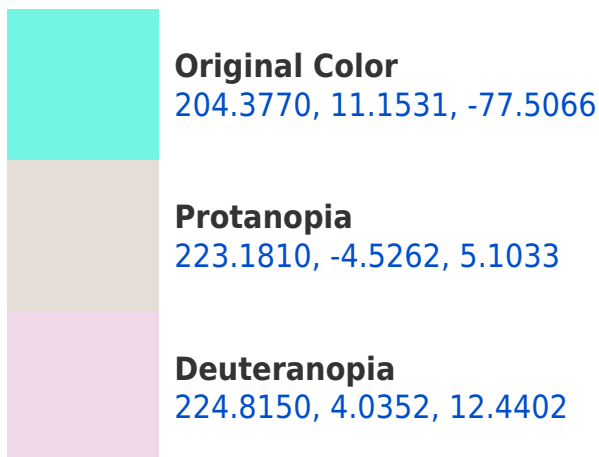
This preview shows how white text looks on a background with the YUV color 204.3770, 11.1531, -77.5066.

-77.5066.

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





Tritanopia

211.8320, 21.2818, -59.4887

Trichromacy



Original Color

204.3770, 11.1531, -77.5066



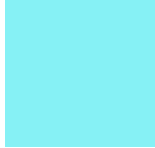
Protanomaly

216.1880, 1.3863, -24.7209



Deuteranomaly

217.5890, 6.6116, -20.6876



Tritanomaly

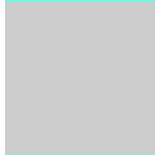
209.4630, 17.5197, -66.1811

Monochromacy



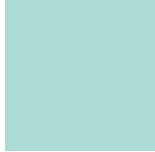
Original Color

204.3770, 11.1531, -77.5066



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.1490, 3.8705, -28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3770, 11.1531, -77.5066 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(116, 245, 227)` looks like.

```
.text, #text, p{  
    color:rgb(116, 245, 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(116, 245, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 245, 227) }
```

Border

The CSS property to change the border of an element to YUV 204.3770, 11.1531, -77.5066 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(116, 245, 227) }
```


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

```
.border{ border-color:rgb(116, 245, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 245, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 245, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 245, 227);  
box-shadow:4px 4px 4px 4px rgb(116, 245,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 204.3770, 11.1531, -77.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 245, 227) }
```

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

```
.background{ background-color: rgb(116,  
245, 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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