

Converting Colors

YUV(207.3820, -6.5973,
-77.5110)

Have a look what the booklet for
YUV(207.3820, -6.5973, -77.5110)
contains.

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Color

**YUV(207.3820, -6.5973,
-77.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	77FFC2
RGB	119, 255, 194
RGB Percent	47%, 100%, 76%
CMY	0.5333, 0.0000, 0.2392
CMYK	0.53, 0.00, 0.24, 0.00
HSL	153°, 100%, 73%
HSV	153°, 53%, 100%
XYZ	53.1054, 79.3370, 63.5536
YIQ	207.3820, -61.4750, -47.8030

Conversions

Conversions Part 2

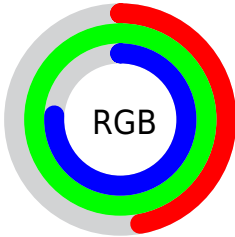
Format	Color
RYB	119, 207, 255
Decimal	7864258
CIELab	91.39, -51.06, 18.01
CIELCh	91, 54.139, 160.574
Yxy	79.3370, 0.2710, 0.4048
Android (android.graphics.Color)	4286054338 (0xFF77FFC2)
YUV	207.3820, -6.5973, -77.5110
Hunter-Lab	89.0713, -49.4510, 20.0457

Details

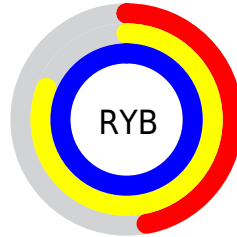
The YUV color **207.3820, -6.5973, -77.5110** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **166.6180, 6.5973, 77.5110**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8200, 9.4557, -46.3231**, and **147.4460, -3.6709, -82.8291** is the 20% darker color. If you saturate the color by 10%, you get **198.6530, -7.7169, -91.7807**, and if you desaturate by 10%, it is **216.4100, -5.6251, -62.6266**.

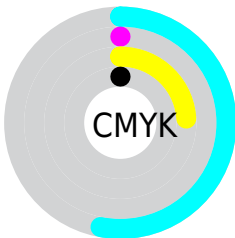
Distribution



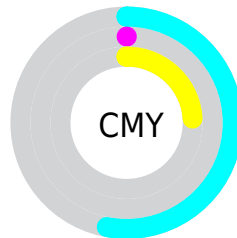
- Red (47%)
- Green (100%)
- Blue (76%)



- Red (47%)
- Yellow (81%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.3820, -6.5973, -77.5110 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 207.3820, -6.5973, -77.5110 by changing the saturation by 10% instead.

 207.3820, -6.5973,
-77.5110

 207.3820, -6.5973,
-77.5110

255.0000, 0.0000,
0.0000


 178.0120, -5.4289,
-78.9405


 231.8200, 9.4557,
-46.3231


 147.4460, -3.6709,
-82.8291


 241.2460, 6.7807,
-28.2797

 112.9000, 1.0353,
-99.0133

 250.5150, 2.2111,
-9.2217

 93.6140, -1.7817,
-82.0995

 75.6160, -4.7407,
-66.3152

 57.8460, -6.8261,
-50.7309

 40.6630, -9.2009,

-35.6615

■ 25.8280, -12.7332,
-22.6512

■ 5.2830, -2.6045,
-4.6332

■ 207.3820, -6.5973,
-77.5110

■ 207.3820, -6.5973,
-77.5110

■ 198.6530, -7.7169,
-91.7807

■ 216.4100, -5.6251,
-62.6266

■ 189.5110, -9.1259,
-106.5651

■ 225.2530, -4.0687,
-48.4569

■ 180.4830,
-10.0981, -121.4496

■ 233.9820, -2.9491,
-34.1872

■ 171.6400,
-11.6545, -135.6193

■ 243.1240, -1.5401,
-19.4027

■ 165.7590,
-12.2062, -145.3706

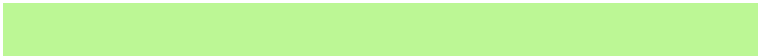
■ 252.1520, -0.5679,
-4.5183

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.



218.1870, -34.1092, -26.4740



207.3820, -6.5973, -77.5110



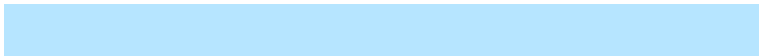
177.9570, 34.5312, -156.0683

Triad

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



207.3820, -6.5973, -77.5110



217.9110, 18.2849, -31.4939



211.2810, -22.8165, 38.3416

Complementary

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



207.3820, -6.5973, -77.5110



166.6180, 6.5973, 77.5110

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.



210.9970, 1.4805, 38.5906



207.3820, -6.5973, -77.5110



228.5850, 13.0226, 23.1660

Square

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



207.3820, -6.5973, -77.5110



192.9180, 30.6064, -110.4301



218.6060, 17.9422, 31.9175



217.4980, -42.1505, 32.8893

Rectangle

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



207.3820, -6.5973, -77.5110



178.7550, 37.5888, -156.7681



218.6060, 17.9422, 31.9175



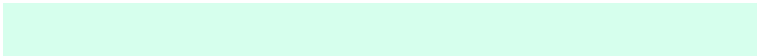
210.0560, -14.8176, 39.4159

Sweetspot

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



207.3820, -6.5973, -77.5110



240.6890, -1.8187, -23.4063



217.0710, -48.3490, -32.5113



119.2710, -1.1196, -14.2697



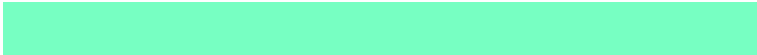
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



207.3820, -6.5973, -77.5110



197.9410, -7.8589, -92.9103



210.2270, 22.0731, -80.0061



123.4290, -0.7045, -7.3922



124.0870, -9.4099, -108.8243



41.5580, -3.2331, -36.4464

Inverse Universe

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



166.6180, 6.5973, 77.5110



149.0590, 7.8589, 92.9103



163.7730, -22.0731, 80.0061



119.4570, 0.2677, 7.4922



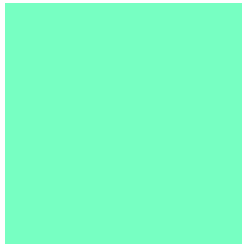
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 207.3820, -6.5973, -77.5110 looks on a white background.

Color Contrast Check

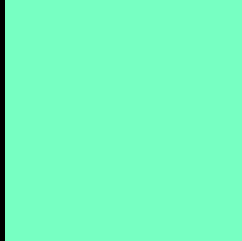
Large Text (above 18pt) WCAG AA × Fail

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 207.3820, -6.5973, -77.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

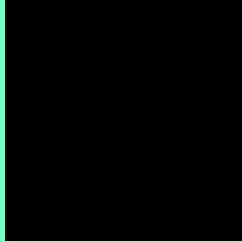
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.3820, -6.5973, -77.5110

Background



This preview shows how black text looks on a background with the YUV color 207.3820, -6.5973, -77.5110.



This preview shows how white text looks on a background with the YUV color 207.3820, -6.5973, -77.5110.

-77.5110.

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

207.3820, -6.5973, -77.5110

Protanopia

227.1270, -22.7406, 13.9206

Deuteranopia

230.1570, -11.4164, 21.7873



Tritanopia

222.2640, 16.1388, -43.2045

Trichromacy



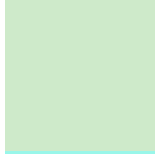
Original Color

207.3820, -6.5973, -77.5110



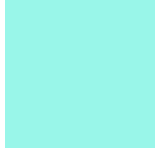
Protanomaly

220.1120, -16.8172, -19.3922



Deuteranomaly

221.9800, -9.8501, -14.0145



Tritanomaly

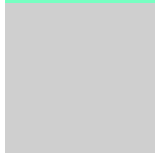
216.7110, 8.0305, -55.8745

Monochromacy



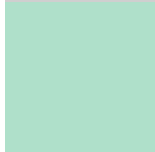
Original Color

207.3820, -6.5973, -77.5110



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.8410, -2.3866, -27.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3820, -6.5973, -77.5110 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(119, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 194)  
}
```

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(119, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 194) }
```

Border

The CSS property to change the border of an element to YUV 207.3820, -6.5973, -77.5110 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(119, 255, 194) }
```


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

```
.border{ border-color:rgb(119, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 207.3820, -6.5973, -77.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 194) }
```

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

```
.background{ background-color: rgb(119,  
255, 194) }
```

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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