

Converting Colors

YUV(186.7870, 26.2340,
-61.2032)

Have a look what the booklet for
YUV(186.7870, 26.2340, -61.2032)
contains.

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Color

**YUV(186.7870, 26.2340,
-61.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	75D4F0
RGB	117, 212, 240
RGB Percent	46%, 83%, 94%
CMY	0.5412, 0.1686, 0.0588
CMYK	0.51, 0.12, 0.00, 0.06
HSL	194°, 80%, 70%
HSV	194°, 51%, 94%
XYZ	46.6078, 57.1601, 91.0146
YIQ	186.7870, -65.6080, -11.4320

Conversions

Conversions Part 2

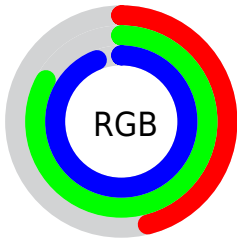
Format	Color
R_{YB}	117, 171, 240
Decimal	7722224
CIE _{Lab}	80.27, -20.67, -22.42
CIE _{LCh}	80, 30.493, 227.322
Yxy	57.1601, 0.2393, 0.2935
Android (android.graphics.Color)	4285912304 (0xFF75D4F0)
YUV	186.7870, 26.2340, -61.2032
Hunter-Lab	75.6043, -22.2677, -18.4519

Details

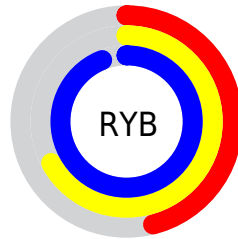
The YUV color **186.7870, 26.2340, -61.2032** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.2130, -26.2340, 61.2032**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3790, 11.6452, -48.5674**, and **128.9820, 27.1239, -66.6362** is the 20% darker color. If you saturate the color by 10%, you get **176.6760, 31.2187, -73.3839**, and if you desaturate by 10%, it is **196.8980, 21.2493, -49.0225**.

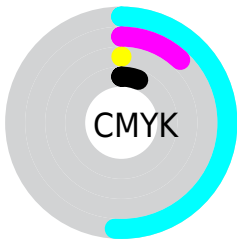
Distribution



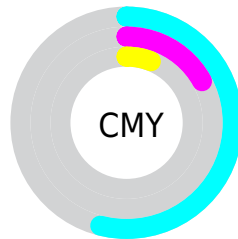
- Red (46%)
- Green (83%)
- Blue (94%)



- Red (46%)
- Yellow (67%)
- Blue (94%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7870, 26.2340, -61.2032 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 186.7870, 26.2340, -61.2032 by changing the saturation by 10% instead.

186.7870, 26.2340,
-61.2032

186.7870, 26.2340,
-61.2032

255.0000, 0.0000,
0.0000

158.1890, 26.5288,
-62.4328

231.3790, 11.6452,
-48.5674

128.9820, 27.1239,
-66.6362

240.3490, 7.2229,
-30.1241

94.7950, 30.6671,
-83.1352

249.3190, 2.8007,
-11.6808

77.1560, 26.5451,
-67.6658

59.6310, 22.8599,
-52.2964

43.2800, 18.5960,
-37.9566

27.7440, 14.9162,

-24.3315

■ 6.5660, 15.0040,
-5.7584

■ 2.0690, 5.3890,
-1.8145

■ 186.7870, 26.2340,
-61.2032

■ 186.7870, 26.2340,
-61.2032

■ 176.6760, 31.2187,
-73.3839

■ 196.8980, 21.2493,
-49.0225

■ 165.9780, 36.4928,
-85.0497

■ 207.5960, 15.9752,
-37.3567

■ 155.8670, 41.4776,
-97.2304

■ 217.7070, 10.9904,
-25.1760

■ 145.1690, 46.7517,
-108.8962

■ 228.4050, 5.7163,
-13.5102

■ 135.9550, 51.2942,
-119.2325

■ 238.5160, 0.7316,
-1.3295

■ 247.4200, -3.6581,
6.6477

■ 250.3550, -5.1050,
4.0737

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

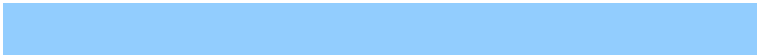
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.1000, 14.7407, -61.4777



186.7870, 26.2340, -61.2032



192.9450, 30.1001, -41.1708

Triad

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



186.7870, 26.2340, -61.2032



203.3930, 4.2433, 39.1203



196.2740, -25.7711, 5.8987

Complementary

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



186.7870, 26.2340, -61.2032



170.2130, -26.2340, 61.2032

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.



198.7760, -27.0046, 28.2604



186.7870, 26.2340, -61.2032



202.1800, -9.4557, 46.3231

Square

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



186.7870, 26.2340, -61.2032



203.2900, 17.1120, 18.1627



200.7700, -21.0856, 43.1747



192.3400, -15.9436, -19.5922

Rectangle

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



186.7870, 26.2340, -61.2032



197.6100, 28.2933, -21.5830



200.7700, -21.0856, 43.1747



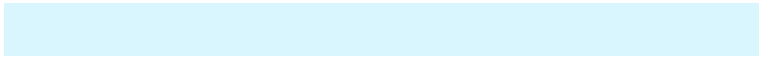
197.3890, -26.8138, 13.6908

Sweetspot

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



186.7870, 26.2340, -61.2032



238.3550, 8.2060, -18.7283



192.2790, -23.8015, -66.0197



117.6010, 5.1267, -11.0511



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.



186.7870, 26.2340, -61.2032



186.6260, 33.7084, -78.6020



151.5670, 43.5975, -30.3153



114.6510, 2.6371, -5.8329



104.3300, 39.2773, -91.4974



31.6250, 12.0169, -27.7351

Inverse Universe

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



164.6070, 23.3647, 66.1197



158.1500, 29.9990, 84.9374



205.4330, -43.5975, 30.3153



112.6140, 2.1623, 6.4775



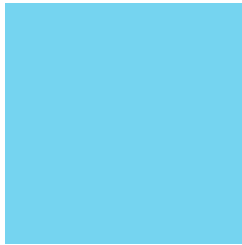
71.2040, 34.9024, 98.9221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 186.7870, 26.2340, -61.2032 looks on a white background.

Color Contrast Check

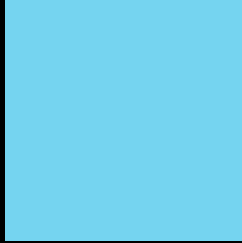
Large Text (above 18pt) WCAG AA × Fail

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 186.7870, 26.2340, -61.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

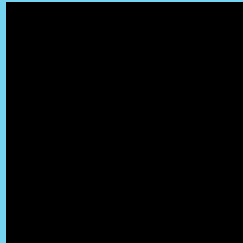
Any Text WCAG AA ✓ Pass

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 186.7870, 26.2340, -61.2032 Background



This preview shows how black text looks on a background with the YUV color 186.7870, 26.2340, -61.2032.



This preview shows how white text looks on a background with the YUV color 186.7870, 26.2340, -61.2032.

-61.2032.

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

186.7870, 26.2340, -61.2032

Protanopia

198.6800, 15.4408, -5.8584

Deuteranopia

199.7000, 21.8399, -4.9989



Tritanopia

186.0380, 22.1663, -63.1773

Trichromacy



Original Color

186.7870, 26.2340, -61.2032

Protanomaly

194.5850, 19.4316, -25.9460

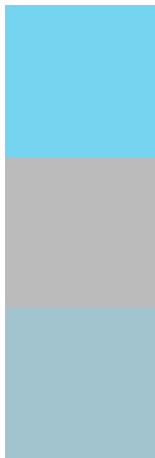
Deuteranomaly

195.3230, 23.5048, -25.7163

Tritanomaly

186.0920, 23.6186, -62.3477

Monochromacy



Original Color

186.7870, 26.2340, -61.2032

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9740, 9.3798, -21.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7870, 26.2340, -61.2032 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, 212, 240)` looks like.

```
.text, #text, p{  
    color:rgb(117, 212, 240)  
}
```

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, 212, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 212, 240) }
```

Border

The CSS property to change the border of an element to YUV 186.7870, 26.2340, -61.2032 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, 212, 240) }
```


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

```
.border{ border-color:rgb(117, 212, 240) }
```

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

Here you see how a box with a 4 pixel rgb(117, 212, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 212, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 212, 240);  
box-shadow:4px 4px 4px 4px rgb(117, 212,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 186.7870, 26.2340, -61.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 212, 240) }
```

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

```
.background{ background-color: rgb(117,  
212, 240) }
```

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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