

Converting Colors

YUV(182.6300, 27.7904,
-47.0335)

Have a look what the booklet for
YUV(182.6300, 27.7904, -47.0335)
contains.

YUV(182.6300, 27.7904, -47.0335)	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(182.6300, 27.7904,
-47.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	81C7EF
RGB	129, 199, 239
RGB Percent	51%, 78%, 94%
CMY	0.4941, 0.2196, 0.0627
CMYK	0.46, 0.17, 0.00, 0.06
HSL	202°, 77%, 72%
HSV	202°, 46%, 94%
XYZ	45.0567, 51.7460, 89.2746
YIQ	182.6300, -54.5600, -2.4000

Conversions

Conversions Part 2

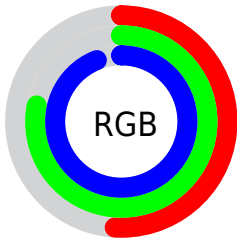
Format	Color
RYB	129, 172, 239
Decimal	8505327
CIELab	77.13, -11.56, -26.62
CIElCh	77, 29.024, 246.539
Yxy	51.7460, 0.2421, 0.2781
Android (android.graphics.Color)	4286695407 (0xFF81C7EF)
YUV	182.6300, 27.7904, -47.0335
Hunter-Lab	71.9347, -14.0812, -23.2276

Details

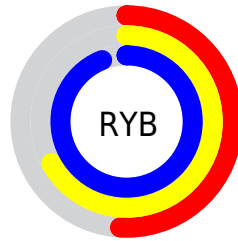
The YUV color **182.6300, 27.7904, -47.0335** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **185.3700, -27.7904, 47.0335**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **127.2060, 27.5064, -49.2927** is the 20% darker color. If you saturate the color by 10%, you get **170.1710, 33.9327, -57.1550**, and if you desaturate by 10%, it is **195.0890, 21.6481, -36.9121**.

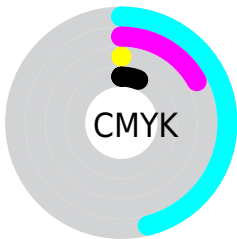
Distribution



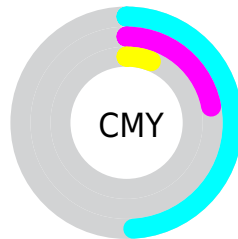
- Red (51%)
- Green (78%)
- Blue (94%)



- Red (51%)
- Yellow (67%)
- Blue (94%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.6300, 27.7904, -47.0335 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 182.6300, 27.7904, -47.0335 by changing the saturation by 10% instead.

■ 182.6300, 27.7904,
-47.0335

■ 182.6300, 27.7904,
-47.0335

255.0000, 0.0000,
0.0000

■ 154.9180, 27.6484,
-48.1631

■ 234.3690, 10.1711,
-42.4196

■ 127.2060, 27.5064,
-49.2927

■ 243.3390, 5.7489,
-23.9763

■ 98.9990, 28.1015,
-53.4961

■ 252.0100, 1.4741,
-6.1478

■ 70.5850, 29.2916,
-61.9030

■ 53.6470, 25.3170,
-47.0484

■ 37.8830, 20.7637,
-33.2234

■ 22.9340, 16.7945,

-20.1131

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 182.6300, 27.7904,
-47.0335

■ 182.6300, 27.7904,
-47.0335

■ 170.1710, 33.9327,
-57.1550

■ 195.0890, 21.6481,
-36.9121

■ 158.2990, 39.7856,
-67.7912

■ 206.9610, 15.7952,
-26.2758

■ 145.8400, 45.9279,
-77.9127

■ 219.4200, 9.6529,
-16.1543

■ 133.3810, 52.0702,
-88.0341

■ 231.8790, 3.5107,
-6.0329

■ 121.5090, 57.9231,
-98.6704

■ 243.4520, -2.1948,
3.9886

■ 116.4700, 60.4073,
-102.1442

■ 250.8280, -5.8312,
3.6588

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



177.8320, 21.2818, -59.4887



182.6300, 27.7904, -47.0335



189.1540, 26.5461, -21.1831

Triad

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



182.6300, 27.7904, -47.0335



194.4230, -4.6455, 43.4790



185.0100, -18.7389, -9.6558

Complementary

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



182.6300, 27.7904, -47.0335



185.3700, -27.7904, 47.0335

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.



188.7310, -25.5034, 13.3909



182.6300, 27.7904, -47.0335



193.0350, -16.2863, 43.8193

Square

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



182.6300, 27.7904, -47.0335



195.0760, 8.3435, 30.6283



191.1940, -24.2526, 32.2789



181.9560, -6.8803, -33.2874

Rectangle

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



182.6300, 27.7904, -47.0335



192.5370, 22.4133, -2.2249



191.1940, -24.2526, 32.2789



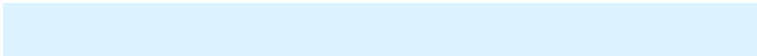
186.5550, -21.9656, -1.3637

Sweetspot

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



182.6300, 27.7904, -47.0335



236.6050, 9.0687, -15.4396



197.9020, -15.2347, -60.4271



116.7260, 5.5581, -9.4067



0.0000, 0.0000, 0.0000



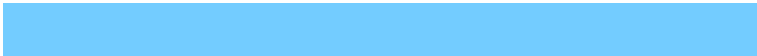
128.0000, 0.0000, 0.0000

Same Dimension

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



182.6300, 27.7904, -47.0335



183.2030, 35.3959, -59.8140



150.9320, 43.4175, -19.2344



113.4770, 3.2158, -4.8033



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315

Inverse Universe

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



169.8700, 14.3611, 60.6270



167.0060, 18.2380, 77.1707



216.4810, -43.1281, 19.7492



112.3860, 1.2887, 6.6775



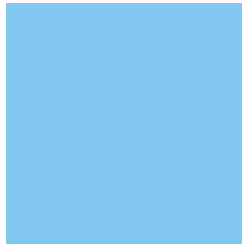
68.3540, 23.9825, 101.4215



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 182.6300, 27.7904, -47.0335 looks on a white background.

Color Contrast Check

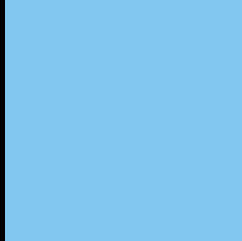
Large Text (above 18pt) WCAG AA × Fail

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 182.6300, 27.7904, -47.0335 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 182.6300, 27.7904, -47.0335

Background



This preview shows how black text looks on a background with the YUV color 182.6300, 27.7904, -47.0335.



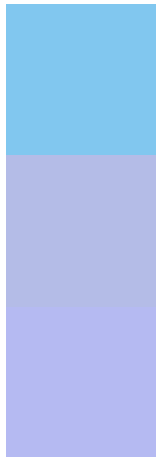
This preview shows how white text looks on a background with the YUV color 182.6300, 27.7904, -47.0335.

-47.0335.

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

182.6300, 27.7904, -47.0335

Protanopia

190.5100, 19.9616, -9.2173

Deuteranopia

190.8890, 25.1977, -8.6727



Tritanopia

180.3170, 19.0707, -50.2670

Trichromacy



Original Color

182.6300, 27.7904, -47.0335

Protanomaly

187.5190, 22.9151, -23.2572

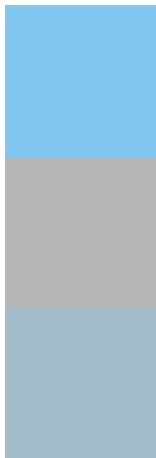
Deuteranomaly

188.0290, 26.1147, -22.8274

Tritanomaly

181.1260, 22.1229, -49.2225

Monochromacy



Original Color

182.6300, 27.7904, -47.0335

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.8220, 9.9478, -17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.6300, 27.7904, -47.0335 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(129, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(129, 199, 239)  
}
```

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(129, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 199, 239) }
```

Border

The CSS property to change the border of an element to YUV 182.6300, 27.7904, -47.0335 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(129, 199, 239) }
```


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

```
.border{ border-color:rgb(129, 199, 239) }
```

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

Here you see how a box with a 4 pixel rgb(129, 199, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(129, 199,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 182.6300, 27.7904, -47.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 199, 239) }
```

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

```
.background{ background-color: rgb(129,  
199, 239) }
```

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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