

Converting Colors

YUV(186.0230, 21.6807,
-47.3782)

Have a look what the booklet for
YUV(186.0230, 21.6807, -47.3782)
contains.

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Color

**YUV(186.0230, 21.6807,
-47.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	84CDE6
RGB	132, 205, 230
RGB Percent	52%, 80%, 90%
CMY	0.4824, 0.1961, 0.0980
CMYK	0.43, 0.11, 0.00, 0.10
HSL	195°, 66%, 71%
HSV	195°, 43%, 90%
XYZ	45.6300, 54.2813, 82.9353
YIQ	186.0230, -51.5330, -7.7010

Conversions

Conversions Part 2

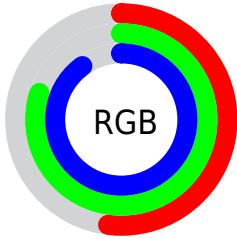
Format	Color
RYB	132, 174, 230
Decimal	8703462
CIELab	78.63, -16.36, -19.50
CIELCh	79, 25.457, 230.009
Yxy	54.2813, 0.2496, 0.2969
Android (android.graphics.Color)	4286893542 (0xFF84CDE6)
YUV	186.0230, 21.6807, -47.3782
Hunter-Lab	73.6759, -18.3817, -15.1683

Details

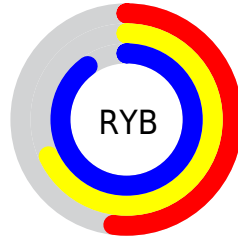
The YUV color **186.0230, 21.6807, -47.3782** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.9770, -21.6807, 47.3782**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **130.8980, 21.2493, -49.0225** is the 20% darker color. If you saturate the color by 10%, you get **175.6240, 26.8074, -58.4292**, and if you desaturate by 10%, it is **196.4220, 16.5540, -36.3271**.

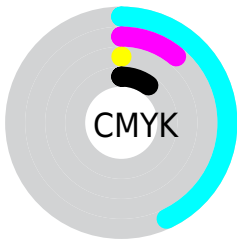
Distribution



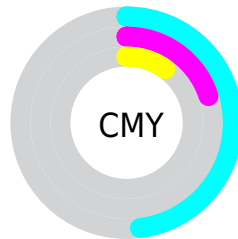
- Red (52%)
- Green (80%)
- Blue (90%)



- Red (52%)
- Yellow (68%)
- Blue (90%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (48%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0230, 21.6807, -47.3782 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 186.0230, 21.6807, -47.3782 by changing the saturation by 10% instead.

186.0230, 21.6807,
-47.3782

186.0230, 21.6807,
-47.3782

255.0000, 0.0000,
0.0000

158.0230, 21.6807,
-47.3782

235.2660, 9.7289,
-40.5753

130.8980, 21.2493,
-49.0225

243.9370, 5.4541,
-22.7467

103.7020, 21.8389,
-51.4817

252.9070, 1.0318,
-4.3034

72.6080, 24.3503,
-63.6772

55.6700, 20.3757,
-48.8226

39.4330, 16.5485,
-34.5827

24.5980, 13.0162,

-21.5724

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 186.0230, 21.6807,
-47.3782

■ 186.0230, 21.6807,
-47.3782

■ 175.6240, 26.8074,
-58.4292

■ 196.4220, 16.5540,
-36.3271

■ 165.2250, 31.9341,
-69.4803

■ 206.8210, 11.4272,
-25.2760

■ 154.8260, 37.0608,
-80.5314

■ 217.2200, 6.3005,
-14.2249

■ 145.0140, 41.8981,
-92.0973

■ 227.0320, 1.4632,
-2.6591

■ 134.6150, 47.0248,
-103.1484

■ 237.4310, -3.6635,
8.3920

■ 126.5970, 50.9777,
-111.0256

■ 243.3450, -6.5791,
10.2214

■ 246.8670, -8.3154,
7.1326

■ 250.3890,
-10.0518, 4.0438

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



184.3080, 12.6662, -49.3821



186.0230, 21.6807, -47.3782



190.9310, 24.6840, -30.6345

Triad

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



186.0230, 21.6807, -47.3782



198.4910, 2.2229, 33.7724



191.9300, -20.6715, 3.5694

Complementary

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



186.0230, 21.6807, -47.3782



175.9770, -21.6807, 47.3782

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.



194.1820, -22.7677, 22.6424



186.0230, 21.6807, -47.3782



197.5490, -9.1447, 39.8605

Square

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



186.0230, 21.6807, -47.3782



197.9540, 13.3337, 16.7033



196.4100, -18.4431, 35.5974



188.9750, -12.3127, -17.5181

Rectangle

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



186.0230, 21.6807, -47.3782



194.2750, 23.0354, -15.1502



196.4100, -18.4431, 35.5974



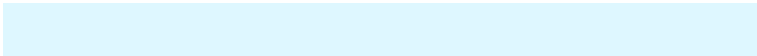
192.9200, -22.1456, 9.7172

Sweetspot

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



186.0230, 21.6807, -47.3782



240.4370, 7.1796, -16.1692



192.2620, -17.8772, -52.8498



118.1990, 4.8319, -9.8215



0.0000, 0.0000, 0.0000



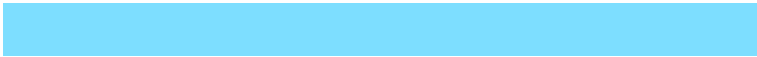
128.0000, 0.0000, 0.0000

Same Dimension

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



186.0230, 21.6807, -47.3782



196.7590, 28.7128, -62.9326



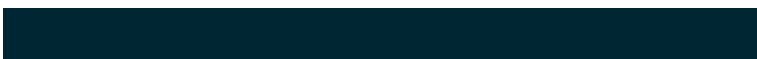
157.2600, 35.8608, -22.1530



109.6510, 2.6371, -5.8329



98.4770, 39.6978, -86.3643



28.1200, 11.2798, -24.6612

Inverse Universe

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



169.6240, 17.4404, 52.9498



174.9280, 23.2065, 70.2231



204.7400, -35.8608, 22.1530



107.6140, 2.1623, 6.4775



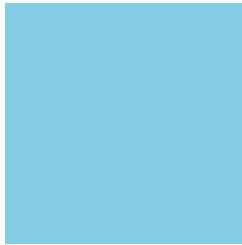
68.6830, 31.7083, 96.7480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 186.0230, 21.6807, -47.3782 looks on a white background.

Color Contrast Check

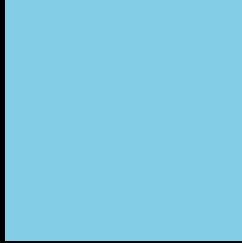
Large Text (above 18pt) WCAG AA × Fail

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 186.0230, 21.6807, -47.3782 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 186.0230, 21.6807, -47.3782 Background



This preview shows how black text looks on a background with the YUV color 186.0230, 21.6807, -47.3782.



This preview shows how white text looks on a background with the YUV color 186.0230, 21.6807, -47.3782.

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

186.0230, 21.6807, -47.3782

Protanopia

194.5230, 13.5462, -4.8437

Deuteranopia

195.2120, 18.6295, -1.9399



Tritanopia

185.2140, 18.6285, -48.4227

Trichromacy



Original Color

186.0230, 21.6807, -47.3782

Protanomaly

191.5210, 16.5051, -20.6279

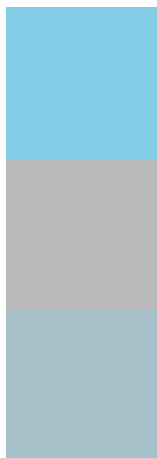
Deuteranomaly

192.0420, 19.6993, -18.4538

Tritanomaly

185.8550, 19.7915, -48.1078

Monochromacy



Original Color

186.0230, 21.6807, -47.3782

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0230, 21.6807, -47.3782 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(132, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(132, 205, 230)  
}
```

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(132, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 205, 230) }
```

Border

The CSS property to change the border of an element to YUV 186.0230, 21.6807, -47.3782 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(132, 205, 230) }
```


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

```
.border{ border-color:rgb(132, 205, 230) }
```

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

Here you see how a box with a 4 pixel rgb(132, 205, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(132, 205,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 186.0230, 21.6807, -47.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 205, 230) }
```

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

```
.background{ background-color: rgb(132,  
205, 230) }
```

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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