

Converting Colors

YUV(187.3660, 24.4696,
-102.0530)

Have a look what the booklet for
YUV(187.3660, 24.4696, -102.0530)
contains.

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Color

**YUV(187.3660, 24.4696,
-102.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	47EDED
RGB	71, 237, 237
RGB Percent	28%, 93%, 93%
CMY	0.7216, 0.0706, 0.0706
CMYK	0.70, 0.00, 0.00, 0.07
HSL	180°, 82%, 60%
HSV	180°, 70%, 93%
XYZ	48.1688, 68.0224, 90.7116
YIQ	187.3660, -98.9360, -35.1920

Conversions

Conversions Part 2

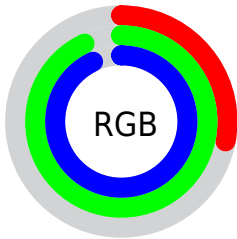
Format	Color
RYB	71, 154, 237
Decimal	4713965
CIELab	86.02, -41.09, -12.30
CIELCh	86, 42.894, 196.661
Yxy	68.0224, 0.2328, 0.3288
Android (android.graphics.Color)	4282904045 (0xFF47EDED)
YUV	187.3660, 24.4696, -102.0530
Hunter-Lab	82.4757, -40.0820, -7.4777

Details

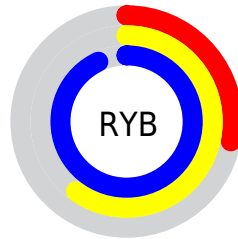
The YUV color **187.3660, 24.4696, -102.0530** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **120.6340, -24.4696, 102.0530**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **126.2940, 26.9701, -110.7598** is the 20% darker color. If you saturate the color by 10%, you get **180.1900, 28.0073, -116.8076**, and if you desaturate by 10%, it is **194.5420, 20.9318, -87.2983**.

Distribution



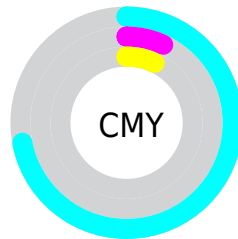
- Red (28%)
- Green (93%)
- Blue (93%)



- Red (28%)
- Yellow (60%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3660, 24.4696, -102.0530 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 187.3660, 24.4696, -102.0530 by changing the saturation by 10% instead.

187.3660, 24.4696,
-102.0530

187.3660, 24.4696,
-102.0530

255.0000, 0.0000,
0.0000

147.1180, 30.5078,
-125.5145

221.2130, 16.6570,
-69.4698

126.2940, 26.9701,
-110.7598

230.7810, 11.9400,
-49.7969

107.3670, 22.9901,
-94.1609

240.0500, 7.3704,
-30.7388

89.1410, 19.1575,
-78.1767

249.6180, 2.6533,
-11.0660

71.0290, 15.7617,
-62.2924

53.6180, 12.5133,
-47.0230

37.0220, 9.8492,

-32.4683

■ 21.6000, 6.6062,
-18.9432

■ 2.0690, 5.3890,
-1.8145

■ 187.3660, 24.4696,
-102.0530

■ 187.3660, 24.4696,
-102.0530

■ 180.1900, 28.0073,
-116.8076

■ 194.5420, 20.9318,
-87.2983

■ 173.3130, 31.3977,
-130.9475

■ 201.4190, 17.5414,
-73.1585

■ 166.1370, 34.9355,
-145.7021

■ 208.5950, 14.0037,
-58.4038

■ 215.7710, 10.4659,
-43.6492

■ 222.6480, 7.0755,
-29.5093

■ 229.8240, 3.5378,
-14.7546

■ 237.0000, 0.0000,
0.0000

■ 242.3820, -2.6533,
11.0660

Harmonies

Analogous

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



197.5390, -1.2517, -65.3707



187.3660, 24.4696, -102.0530



185.2760, 34.3739, -105.4821

Triad

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



187.3660, 24.4696, -102.0530



218.8610, 17.8165, 25.5549



212.6710, -37.7988, 37.1225

Complementary

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



187.3660, 24.4696, -102.0530



120.6340, -24.4696, 102.0530

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.



207.5480, -24.4272, 41.6154



187.3660, 24.4696, -102.0530



212.2170, 11.2320, 37.5207

Square

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



187.3660, 24.4696, -102.0530



210.9330, 21.7250, -14.8502



206.3690, -6.0979, 42.6494



210.4240, -36.6910, 8.3982

Rectangle

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



187.3660, 24.4696, -102.0530



194.0020, 30.0720, -78.9318



206.3690, -6.0979, 42.6494



210.8930, -34.4572, 38.6818

Sweetspot

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



187.3660, 24.4696, -102.0530



238.8540, 7.9600, -33.1980



168.4420, -48.0389, -85.4566



118.4320, 4.7170, -19.6729



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.



187.3660, 24.4696, -102.0530



191.0140, 31.5451, -131.5623



138.6450, 48.4890, -59.3247



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



139.5580, 48.0389, 85.4566



129.3820, 61.9297, 110.1670



169.3550, -48.4890, 59.3247



110.5430, 3.1833, 5.6628



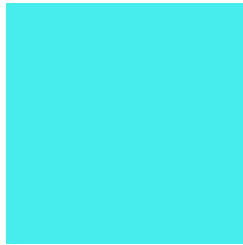
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 187.3660, 24.4696, -102.0530 looks on a white background.

Color Contrast Check

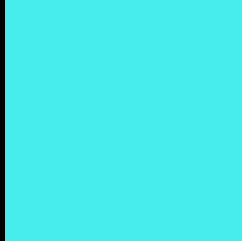
Large Text (above 18pt) WCAG AA × Fail

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 187.3660, 24.4696, -102.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

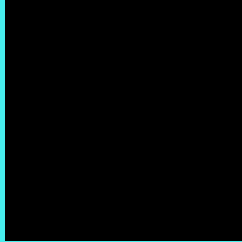
Any Text WCAG AA ✓ Pass

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 187.3660, 24.4696, -102.0530 Background



This preview shows how black text looks on a background with the YUV color 187.3660, 24.4696, -102.0530.

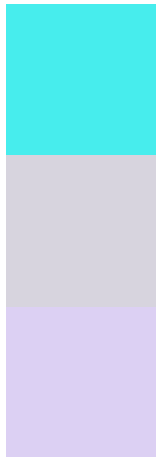


This preview shows how white text looks on a background with the YUV color 187.3660, 24.4696, -102.0530.

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

187.3660, 24.4696, -102.0530

Protanopia

214.0370, 3.9258, 0.8446

Deuteranopia

215.5780, 13.5190, 3.8781



Tritanopia

190.4190, 30.8524, -95.9605

Trichromacy



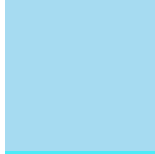
Original Color

187.3660, 24.4696, -102.0530



Protanomaly

204.3420, 11.1704, -36.2569



Deuteranomaly

205.6610, 17.4221, -34.7827



Tritanomaly

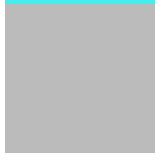
189.1260, 28.5319, -98.3345

Monochromacy



Original Color

187.3660, 24.4696, -102.0530



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0600, 8.8444, -36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3660, 24.4696, -102.0530 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(71, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(71, 237, 237)  
}
```

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(71, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 237, 237) }
```

Border

The CSS property to change the border of an element to YUV 187.3660, 24.4696, -102.0530 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(71, 237, 237) }
```


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

```
.border{ border-color:rgb(71, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(71, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 187.3660, 24.4696, -102.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 237, 237) }
```

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

```
.background{ background-color: rgb(71, 237,  
237) }
```

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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