

Converting Colors

YUV(187.2660, 23.0399,
-63.3773)

Have a look what the booklet for
YUV(187.2660, 23.0399, -63.3773)
contains.

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Color

**YUV(187.2660, 23.0399,
-63.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	73D7EA
RGB	115, 215, 234
RGB Percent	45%, 84%, 92%
CMY	0.5490, 0.1569, 0.0824
CMYK	0.51, 0.08, 0.00, 0.08
HSL	190°, 74%, 68%
HSV	190°, 51%, 92%
XYZ	46.2220, 58.1862, 86.6368
YIQ	187.2660, -65.6990, -15.2910

Conversions

Conversions Part 2

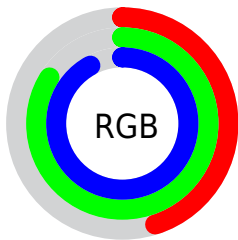
Format	Color
RYB	115, 169, 234
Decimal	7591914
CIELab	80.84, -24.23, -18.36
CIElCh	81, 30.400, 217.153
Yxy	58.1862, 0.2419, 0.3046
Android (android.graphics.Color)	4285781994 (0xFF73D7EA)
YUV	187.2660, 23.0399, -63.3773
Hunter-Lab	76.2799, -25.3274, -13.9442

Details

The YUV color **187.2660, 23.0399, -63.3773** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.7340, -23.0399, 63.3773**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7810, 11.9400, -49.7969**, and **129.4610, 23.9297, -68.8103** is the 20% darker color. If you saturate the color by 10%, you get **178.0410, 27.5878, -75.4580**, and if you desaturate by 10%, it is **196.4910, 18.4919, -51.2966**.

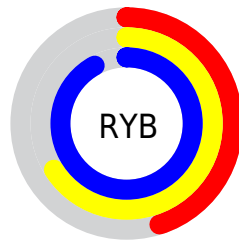
Distribution



Red (45%)

Green (84%)

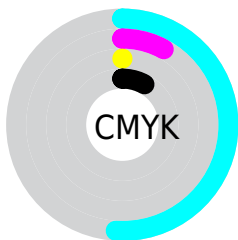
Blue (92%)



Red (45%)

Yellow (66%)

Blue (92%)

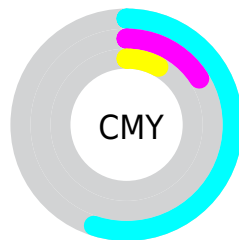


Cyan (51%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (55%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2660, 23.0399, -63.3773 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 187.2660, 23.0399, -63.3773 by changing the saturation by 10% instead.

■ 187.2660, 23.0399,
-63.3773

■ 187.2660, 23.0399,
-63.3773

■ 255.0000, 0.0000,
0.0000

■ 158.6680, 23.3347,
-64.6068

■ 230.7810, 11.9400,
-49.7969

■ 129.4610, 23.9297,
-68.8103

■ 239.7510, 7.5178,
-31.3536

■ 95.9860, 27.6149,
-84.1797

■ 248.7210, 3.0955,
-12.9103

■ 77.7600, 23.7823,
-68.1955

■ 60.8220, 19.8078,
-53.3409

■ 43.9980, 16.2700,
-38.5862

■ 28.4620, 12.5902,

-24.9612

■ 8.4580, 12.0992,
-7.4177

■ 0.6840, 2.6208,
-0.5999

■ 187.2660, 23.0399,
-63.3773

■ 187.2660, 23.0399,
-63.3773

■ 178.0410, 27.5878,
-75.4580

■ 196.4910, 18.4919,
-51.2966

■ 169.1040, 31.9937,
-88.6682

■ 205.4280, 14.0860,
-38.0864

■ 159.8790, 36.5417,
-100.7489

■ 214.6530, 9.5381,
-26.0057

■ 150.3550, 41.2370,
-113.4443

■ 224.1770, 4.8427,
-13.3102

■ 142.3150, 45.2007,
-124.8103

■ 233.4020, 0.2948,
-1.2296

■ 242.0400, -3.9637,
11.3659

■ 244.3880, -5.1213,
9.3067

■ 246.7360, -6.2788,
7.2475

■ 249.0840, -7.4364,
5.1883

Harmonies

Analogous

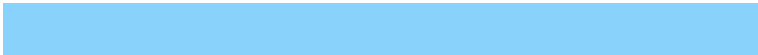
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.7540, 9.4883, -56.7893



187.2660, 23.0399, -63.3773



192.6620, 29.2536, -49.6926

Triad

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



187.2660, 23.0399, -63.3773



205.5000, 8.6275, 32.8875



198.3890, -26.8138, 13.6908

Complementary

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



187.2660, 23.0399, -63.3773



161.7340, -23.0399, 63.3773

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.



200.8630, -25.5685, 34.3231



187.2660, 23.0399, -63.3773



204.1350, -4.5036, 44.6086

Square

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



187.2660, 23.0399, -63.3773



204.1470, 20.6335, 8.6411



202.8180, -17.1653, 45.7636



195.0700, -19.7545, -10.5854

Rectangle

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



187.2660, 23.0399, -63.3773



196.9570, 28.6152, -31.5343



202.8180, -17.1653, 45.7636



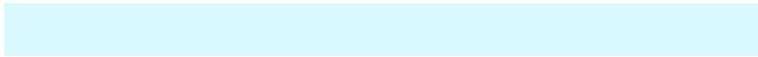
199.6180, -27.4197, 21.3830

Sweetspot

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



187.2660, 23.0399, -63.3773



240.1160, 7.3378, -20.2727



186.9050, -26.5752, -63.0607



118.7750, 4.5479, -12.0807



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.



187.2660, 23.0399, -63.3773



193.6810, 30.2303, -83.0352



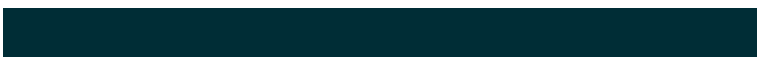
153.2200, 39.8245, -33.5189



112.5370, 2.2003, -5.7329



109.8580, 35.0730, -96.3455



32.5710, 10.5645, -28.5648

Inverse Universe

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



161.9810, 26.1384, 63.1607



160.5780, 34.2250, 82.8081



195.7800, -39.8245, 33.5189



110.3150, 2.3097, 5.8627



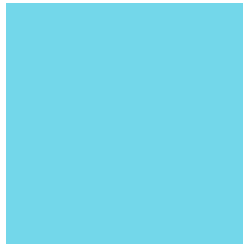
71.4470, 39.7126, 96.0780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 187.2660, 23.0399, -63.3773 looks on a white background.

Color Contrast Check

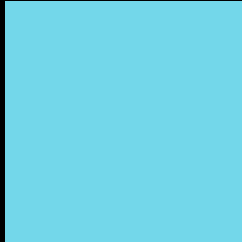
Large Text (above 18pt) WCAG AA × Fail

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 187.2660, 23.0399, -63.3773 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 187.2660, 23.0399, -63.3773

Background



This preview shows how black text looks on a background with the YUV color 187.2660, 23.0399, -63.3773.

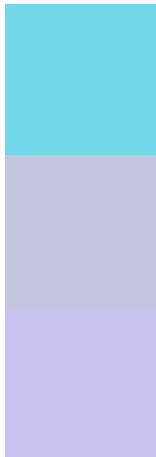


This preview shows how white text looks on a background with the YUV color 187.2660, 23.0399, -63.3773.

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

187.2660, 23.0399, -63.3773

Protanopia

200.2520, 11.2148, -3.7290

Deuteranopia

201.3970, 18.0453, -1.2252



Tritanopia

187.1520, 22.6031, -63.2773

Trichromacy



Original Color

187.2660, 23.0399, -63.3773

Protanomaly

195.5590, 15.5004, -25.0462

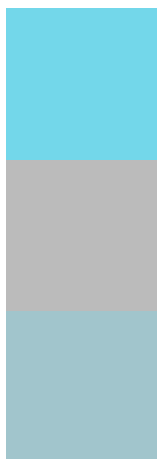
Deuteranomaly

196.1230, 20.1524, -23.7869

Tritanomaly

187.1520, 22.6031, -63.2773

Monochromacy



Original Color

187.2660, 23.0399, -63.3773

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0340, 8.3642, -22.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2660, 23.0399, -63.3773 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(115, 215, 234)` looks like.

```
.text, #text, p{  
    color:rgb(115, 215, 234)  
}
```

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(115, 215, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 215, 234) }
```

Border

The CSS property to change the border of an element to YUV 187.2660, 23.0399, -63.3773 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(115, 215, 234) }
```


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

```
.border{ border-color:rgb(115, 215, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 215, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(115, 215,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 187.2660, 23.0399, -63.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 215, 234) }
```

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

```
.background{ background-color: rgb(115,  
215, 234) }
```

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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