

Converting Colors

YUV(183.7560, 23.2913,
-50.6520)

Have a look what the booklet for
YUV(183.7560, 23.2913, -50.6520)
contains.

YUV(183.7560, 23.2913, -50.6520)	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(183.7560, 23.2913,
-50.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	7ECCE7
RGB	126, 204, 231
RGB Percent	49%, 80%, 91%
CMY	0.5059, 0.2000, 0.0941
CMYK	0.45, 0.12, 0.00, 0.09
HSL	195°, 69%, 70%
HSV	195°, 45%, 91%
XYZ	44.6209, 53.3909, 83.5550
YIQ	183.7560, -55.1550, -8.1390

Conversions

Conversions Part 2

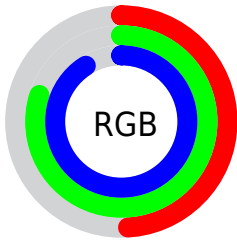
Format	Color
R _Y B	126, 171, 231
Decimal	8309991
CIE Lab	78.11, -17.03, -20.85
CIE LCh	78, 26.922, 230.772
Yxy	53.3909, 0.2458, 0.2941
Android (android.graphics.Color)	4286500071 (0xFF7ECCE7)
YUV	183.7560, 23.2913, -50.6520
Hunter-Lab	73.0691, -18.8668, -16.6502

Details

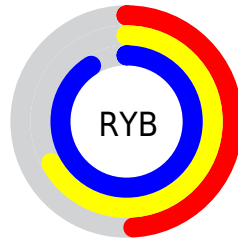
The YUV color **183.7560, 23.2913, -50.6520** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.2440, -23.2913, 50.6520**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **128.3320, 23.0073, -52.9112** is the 20% darker color. If you saturate the color by 10%, you get **173.3570, 28.4180, -61.7031**, and if you desaturate by 10%, it is **194.1550, 18.1646, -39.6009**.

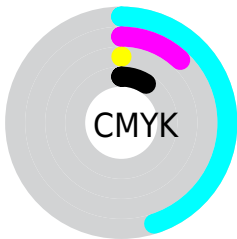
Distribution



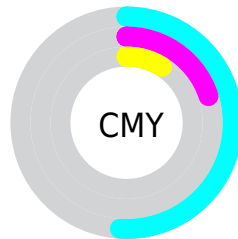
- Red (49%)
- Green (80%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7560, 23.2913, -50.6520 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 183.7560, 23.2913, -50.6520 by changing the saturation by 10% instead.

■ 183.7560, 23.2913,
-50.6520

■ 183.7560, 23.2913,
-50.6520

■ 255.0000, 0.0000,
0.0000

■ 155.4570, 23.4387,
-51.2668

■ 233.4720, 10.6133,
-44.2639

■ 128.3320, 23.0073,
-52.9112

■ 242.1430, 6.3385,
-26.4354

■ 99.9400, 24.1866,
-57.8294

■ 251.1130, 1.9163,
-7.9921

■ 72.1350, 25.0764,
-63.2624

■ 55.1970, 21.1019,
-48.4078

■ 38.9600, 17.2747,
-34.1679

■ 24.0110, 13.3056,

-21.0576

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 183.7560, 23.2913,
-50.6520

■ 183.7560, 23.2913,
-50.6520

■ 173.3570, 28.4180,
-61.7031

■ 194.1550, 18.1646,
-39.6009

■ 162.9580, 33.5447,
-72.7542

■ 204.5540, 13.0379,
-28.5499

■ 152.5590, 38.6714,
-83.8052

■ 214.9530, 7.9112,
-17.4988

■ 142.1600, 43.7981,
-94.8563

■ 225.3520, 2.7845,
-6.4477

■ 131.4620, 49.0722,
-106.5222

■ 236.0500, -2.4897,
5.2181

■ 127.2980, 51.1251,
-111.6403

■ 243.4590, -6.1423,
10.1215

■ 246.9810, -7.8786,
7.0327

■ 250.5030, -9.6150,
3.9439

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



181.6280, 13.9874, -53.1708



183.7560, 23.2913, -50.6520



189.2620, 25.9998, -32.6788

Triad

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



183.7560, 23.2913, -50.6520



197.5020, 2.2175, 35.5167



189.9900, -21.6871, 2.6398

Complementary

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



183.7560, 23.2913, -50.6520



173.2440, -23.2913, 50.6520

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.



192.8400, -24.0781, 22.9423



183.7560, 23.2913, -50.6520



196.4460, -9.5869, 41.7049

Square

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



183.7560, 23.2913, -50.6520



197.0790, 13.7651, 18.3477



194.7800, -19.6115, 37.0269



186.8500, -12.7440, -19.1624

Rectangle

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



183.7560, 23.2913, -50.6520



192.6170, 24.3458, -15.4501



194.7800, -19.6115, 37.0269



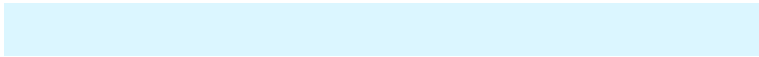
190.6920, -23.0192, 9.9171

Sweetspot

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



183.7560, 23.2913, -50.6520



238.9530, 7.9112, -17.4988



190.5990, -19.0293, -56.6533



117.9000, 4.9793, -10.4363



0.0000, 0.0000, 0.0000



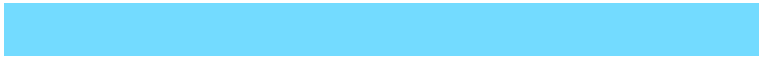
128.0000, 0.0000, 0.0000

Same Dimension

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



183.7560, 23.2913, -50.6520



192.0080, 31.0551, -67.5360



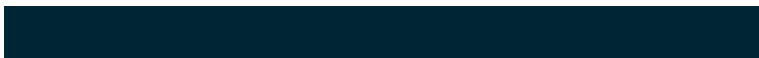
153.2320, 38.3396, -23.8825



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.



166.2870, 18.5925, 56.7533



168.7160, 24.7900, 75.6711



203.7680, -38.3396, 23.8825



107.6140, 2.1623, 6.4775



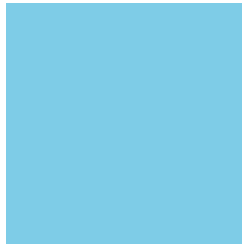
68.6830, 31.7083, 96.7480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 183.7560, 23.2913, -50.6520 looks on a white background.

Color Contrast Check

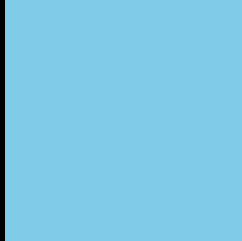
Large Text (above 18pt) WCAG AA × Fail

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 183.7560, 23.2913, -50.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

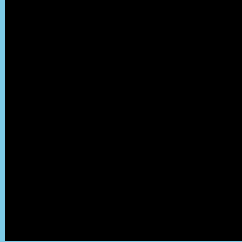
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 183.7560, 23.2913, -50.6520

Background



This preview shows how black text looks on a background with the YUV color 183.7560, 23.2913, -50.6520.



This preview shows how white text looks on a background with the YUV color 183.7560, 23.2913, -50.6520.

-50.6520.

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

183.7560, 23.2913, -50.6520

Protanopia

193.3380, 14.1304, -5.5584

Deuteranopia

193.8420, 19.7979, -3.3694



Tritanopia

182.4200, 19.5129, -52.1113

Trichromacy



Original Color

183.7560, 23.2913, -50.6520

Protanomaly

190.0370, 17.2368, -21.9574

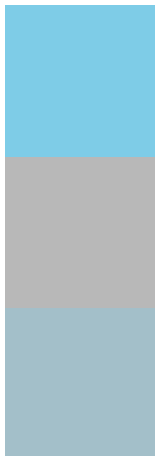
Deuteranomaly

190.3730, 21.0151, -20.4981

Tritanomaly

183.0610, 20.6759, -51.7965

Monochromacy



Original Color

183.7560, 23.2913, -50.6520

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.7680, 8.4954, -18.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7560, 23.2913, -50.6520 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(126, 204, 231)` looks like.

```
.text, #text, p{  
    color:rgb(126, 204, 231)  
}
```

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(126, 204, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 204, 231) }
```

Border

The CSS property to change the border of an element to YUV 183.7560, 23.2913, -50.6520 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(126, 204, 231) }
```


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

```
.border{ border-color:rgb(126, 204, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 204, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(126, 204,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 183.7560, 23.2913, -50.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 204, 231) }
```

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

```
.background{ background-color: rgb(126,  
204, 231) }
```

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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