

Converting Colors

YUV(188.8790, 23.2307,
-77.9469)

Have a look what the booklet for
YUV(188.8790, 23.2307, -77.9469)
contains.

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Color

**YUV(188.8790, 23.2307,
-77.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	64E1EC
RGB	100, 225, 236
RGB Percent	39%, 88%, 93%
CMY	0.6078, 0.1176, 0.0745
CMYK	0.58, 0.05, 0.00, 0.07
HSL	185°, 78%, 66%
HSV	185°, 58%, 93%
XYZ	47.3211, 62.6159, 88.9489
YIQ	188.8790, -78.0310, -23.0790

Conversions

Conversions Part 2

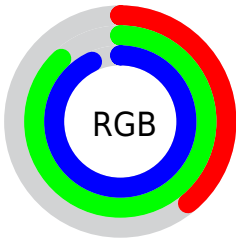
Format	Color
RYB	100, 165, 236
Decimal	6611436
CIELab	83.24, -31.47, -15.86
CIELCh	83, 35.243, 206.746
Yxy	62.6159, 0.2379, 0.3148
Android (android.graphics.Color)	4284801516 (0xFF64E1EC)
YUV	188.8790, 23.2307, -77.9469
Hunter-Lab	79.1302, -31.7321, -11.2557

Details

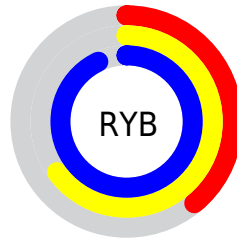
The YUV color **188.8790, 23.2307, -77.9469** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **147.1210, -23.2307, 77.9469**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **123.6100, 27.8003, -97.0050** is the 20% darker color. If you saturate the color by 10%, you get **180.5290, 27.3472, -91.6719**, and if you desaturate by 10%, it is **197.2290, 19.1141, -64.2218**.

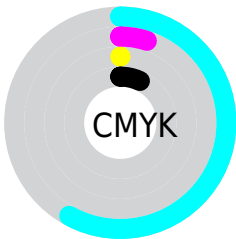
Distribution



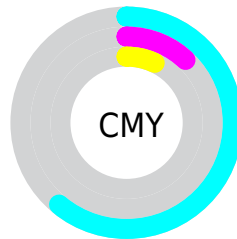
- Red (39%)
- Green (88%)
- Blue (93%)



- Red (39%)
- Yellow (65%)
- Blue (93%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8790, 23.2307, -77.9469 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 188.8790, 23.2307, -77.9469 by changing the saturation by 10% instead.

188.8790, 23.2307,
-77.9469

188.8790, 23.2307,
-77.9469

255.0000, 0.0000,
0.0000

159.0850, 24.1151,
-81.6355

227.1930, 13.7089,
-57.1743

123.6100, 27.8003,
-97.0050

236.1630, 9.2866,
-38.7310

101.3830, 25.4472,
-88.9129

245.4320, 4.7170,
-19.6729

83.1570, 21.6146,
-72.9287

254.4020, 0.2948,
-1.2296

65.0450, 18.2188,
-57.0445

48.2210, 14.6810,
-42.2898

32.2120, 11.7275,

-28.2499

■ 16.2030, 8.7739,
-14.2100

■ 1.1400, 4.3680,
-0.9998

■ 188.8790, 23.2307,
-77.9469

■ 188.8790, 23.2307,
-77.9469

■ 180.5290, 27.3472,
-91.6719

■ 197.2290, 19.1141,
-64.2218

■ 172.4780, 31.3163,
-104.7822

■ 205.2800, 15.1450,
-51.1116

■ 164.1280, 35.4329,
-118.5073

■ 213.6300, 11.0284,
-37.3865

■ 156.0770, 39.4020,
-131.6175

■ 221.6810, 7.0593,
-24.2762

■ 154.2830, 40.2865,
-135.3062

■ 230.0310, 2.9427,
-10.5512

■ 237.7940, -0.8844,
3.6887

■ 242.8550, -3.3795,
10.6512

■ 244.0290, -3.9583,
9.6216

■ 245.2030, -4.5371,
8.5920

Harmonies

Analogous

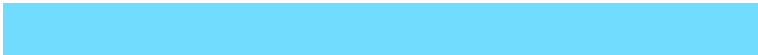
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.1790, 4.8418, -59.7930



188.8790, 23.2307, -77.9469



192.2960, 30.9131, -68.6656

Triad

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



188.8790, 23.2307, -77.9469



212.3130, 15.6217, 29.5435



205.7880, -31.9405, 24.7419

Complementary

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



188.8790, 23.2307, -77.9469



147.1210, -23.2307, 77.9469

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.



206.9780, -26.6112, 42.1153



188.8790, 23.2307, -77.9469



207.8340, 2.0538, 41.3646

Square

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



188.8790, 23.2307, -77.9469



208.3630, 22.9920, -1.1954



204.6590, -12.6499, 44.1491



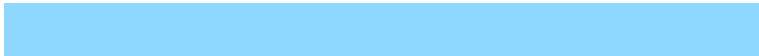
202.1760, -27.2018, -1.9084

Rectangle

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



188.8790, 23.2307, -77.9469



197.7330, 28.2326, -48.8778



204.6590, -12.6499, 44.1491



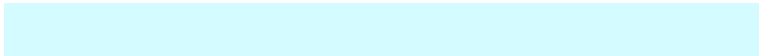
206.6580, -31.3834, 32.7489

Sweetspot

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



188.8790, 23.2307, -77.9469



239.7950, 7.4961, -24.3762



180.8580, -35.4260, -70.9125



118.4650, 4.7008, -14.4398



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.



188.8790, 23.2307, -77.9469



194.1580, 29.9951, -100.9936



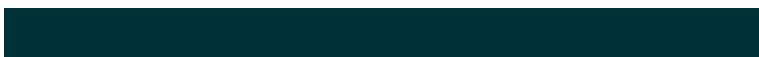
150.1370, 42.3305, -43.9701



113.1240, 1.9109, -6.2477



118.0760, 31.0215, -103.5527



34.9190, 9.4069, -30.6240

Inverse Universe

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



154.9140, 34.5524, 71.1124



150.0920, 44.8176, 92.0043



185.8630, -42.3305, 43.9701



110.4290, 2.7465, 5.7628



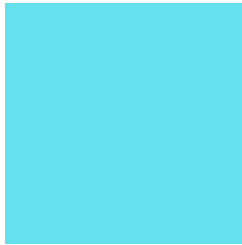
73.0430, 45.8278, 94.6783



21.7320, 13.4431, 28.2990

Previews

White Background



This preview shows how the YUV color 188.8790, 23.2307, -77.9469 looks on a white background.

Color Contrast Check

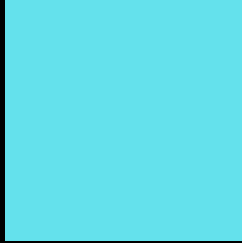
Large Text (above 18pt) WCAG AA × Fail

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 188.8790, 23.2307, -77.9469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

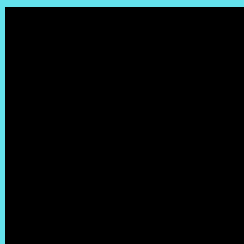
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

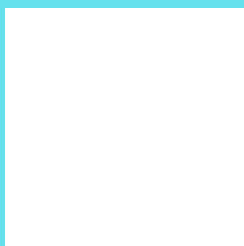
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.8790, 23.2307, -77.9469

Background



This preview shows how black text looks on a background with the YUV color 188.8790, 23.2307, -77.9469.



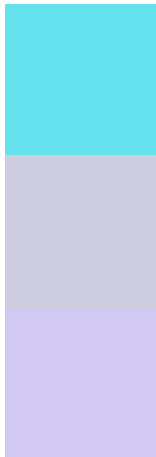
This preview shows how white text looks on a background with the YUV color 188.8790, 23.2307, -77.9469.

-77.9469.

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

188.8790, 23.2307, -77.9469

Protanopia

207.0520, 7.8624, -1.7996

Deuteranopia

207.9520, 16.2927, 0.9191



Tritanopia

189.8730, 25.6986, -76.1876

Trichromacy



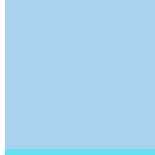
Original Color

188.8790, 23.2307, -77.9469



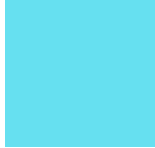
Protanomaly

200.3690, 13.6221, -29.2646



Deuteranomaly

201.0470, 18.7108, -28.1052



Tritanomaly

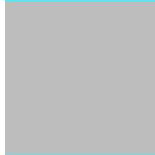
189.3460, 24.9724, -76.6024

Monochromacy



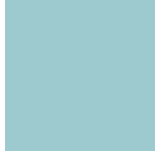
Original Color

188.8790, 23.2307, -77.9469



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.0010, 8.3805, -28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8790, 23.2307, -77.9469 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(100, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(100, 225, 236)  
}
```

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(100, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 225, 236) }
```

Border

The CSS property to change the border of an element to YUV 188.8790, 23.2307, -77.9469 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(100, 225, 236) }
```


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

```
.border{ border-color:rgb(100, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(100, 225,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 188.8790, 23.2307, -77.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 225, 236) }
```

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

```
.background{ background-color: rgb(100,  
225, 236) }
```

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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