

Converting Colors

YUV(171.5780, 23.3790,
-32.0789)

Have a look what the booklet for
YUV(171.5780, 23.3790, -32.0789)
contains.

YUV(171.5780, 23.3790, -32.0789)	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(171.5780, 23.3790,
-32.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	87B5DB
RGB	135, 181, 219
RGB Percent	53%, 71%, 86%
CMY	0.4706, 0.2902, 0.1412
CMYK	0.38, 0.17, 0.00, 0.14
HSL	207°, 54%, 69%
HSV	207°, 38%, 86%
XYZ	39.3017, 43.3131, 73.3067
YIQ	171.5780, -39.6140, 2.0660

Conversions

Conversions Part 2

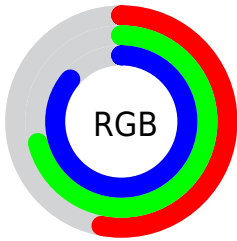
Format	Color
RYB	135, 165, 219
Decimal	8893915
CIELab	71.77, -5.80, -23.97
CIELCh	72, 24.661, 256.386
Yxy	43.3131, 0.2521, 0.2778
Android (android.graphics.Color)	4287083995 (0xFF87B5DB)
YUV	171.5780, 23.3790, -32.0789
Hunter-Lab	65.8127, -8.5764, -19.9724

Details

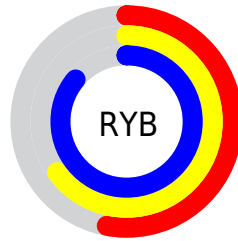
The YUV color **171.5780, 23.3790, -32.0789** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **182.4220, -23.3790, 32.0789**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2980, 14.6431, -30.0793**, and **118.0510, 22.6529, -32.4937** is the 20% darker color. If you saturate the color by 10%, you get **159.1300, 29.5159, -40.4560**, and if you desaturate by 10%, it is **184.0260, 17.2422, -23.7018**.

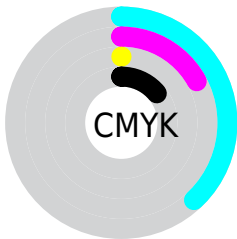
Distribution



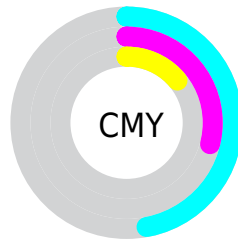
- Red (53%)
- Green (71%)
- Blue (86%)



- Red (53%)
- Yellow (65%)
- Blue (86%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5780, 23.3790, -32.0789 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 171.5780, 23.3790, -32.0789 by changing the saturation by 10% instead.

■ 171.5780, 23.3790,
-32.0789

■ 171.5780, 23.3790,
-32.0789

■ 255.0000, 0.0000,
0.0000

■ 144.4640, 22.9422,
-31.9789

■ 225.2980, 14.6431,
-30.0793

■ 118.0510, 22.6529,
-32.4937

■ 244.2360, 5.3067,
-22.1320

■ 92.3390, 22.5109,
-33.6233

■ 253.2060, 0.8844,
-3.6887

■ 66.0180, 22.6691,
-37.7268

■ 43.3770, 21.5061,
-38.0416

■ 27.8410, 17.8264,
-24.4166

■ 12.4190, 14.5834,

-10.8915

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 171.5780, 23.3790,
-32.0789

■ 171.5780, 23.3790,
-32.0789

■ 159.1300, 29.5159,
-40.4560

■ 184.0260, 17.2422,
-23.7018

■ 146.6820, 35.6528,
-48.8331

■ 196.4740, 11.1053,
-15.3247

■ 134.2340, 41.7896,
-57.2102

■ 208.9220, 4.9685,
-6.9476

■ 121.7860, 47.9265,
-65.5873

■ 221.3700, -1.1684,
1.4295

■ 109.6370, 53.9160,
-73.3496

■ 233.5190, -7.1579,
9.1918

■ 97.7760, 59.7634,
-82.2416

■ 242.0910,
-11.3839, 11.3212

■ 95.4060, 60.9318,
-83.6711

■ 247.9610,
-14.2778, 6.1732

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



166.9800, 20.2229, -46.4635



171.5780, 23.3790, -32.0789



176.7380, 20.8352, -9.4172

Triad

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



171.5780, 23.3790, -32.0789



178.9940, -7.3920, 37.7163



170.4700, -13.0497, -14.4442

Complementary

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



171.5780, 23.3790, -32.0789



182.4220, -23.3790, 32.0789

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.



173.4680, -19.9507, 5.7286



171.5780, 23.3790, -32.0789



177.5670, -16.5485, 34.5827

Square

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



171.5780, 23.3790, -32.0789



179.8110, 3.5442, 29.9838



175.9370, -21.1679, 22.8573



167.7370, -1.3493, -33.9723

Rectangle

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



171.5780, 23.3790, -32.0789



178.3980, 16.5658, 6.6670



175.9370, -21.1679, 22.8573



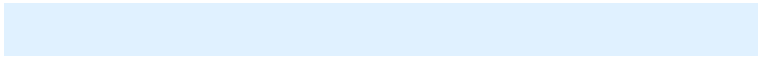
172.0040, -16.2710, -7.8965

Sweetspot

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



171.5780, 23.3790, -32.0789



237.5130, 8.6211, -11.8509



188.6400, -7.7105, -47.0423



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



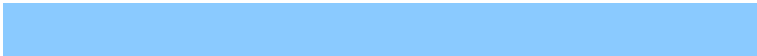
128.0000, 0.0000, 0.0000

Same Dimension

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



171.5780, 23.3790, -32.0789



188.9060, 32.5843, -44.6446



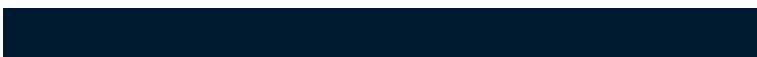
146.9240, 35.5335, -10.4573



103.7760, 3.0684, -4.1886



75.4870, 48.0739, -66.2021



19.9190, 12.8579, -17.4690

Inverse Universe

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



165.3600, 7.7105, 47.0423



180.2790, 10.7085, 65.5303



207.0760, -35.5335, 10.4573



102.9730, 0.9993, 6.1627



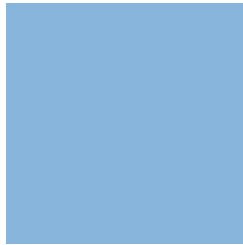
62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 171.5780, 23.3790, -32.0789 looks on a white background.

Color Contrast Check

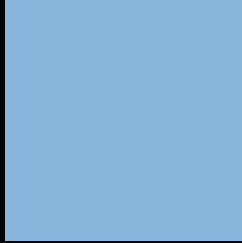
Large Text (above 18pt) WCAG AA × Fail

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 171.5780, 23.3790, -32.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

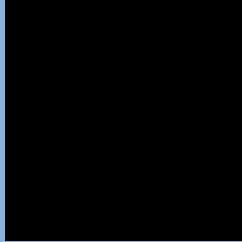
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.5780, 23.3790, -32.0789

Background



This preview shows how black text looks on a background with the YUV color 171.5780, 23.3790, -32.0789.



This preview shows how white text looks on a background with the YUV color 171.5780, 23.3790, -32.0789.

-32.0789.

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

171.5780, 23.3790, -32.0789

Protanopia

176.1680, 18.6512, -8.9173

Deuteranopia

176.6890, 21.8453, -6.7433



Tritanopia

169.5640, 14.5119, -34.6976

Trichromacy



Original Color

171.5780, 23.3790, -32.0789

Protanomaly

174.8680, 20.2781, -17.4242

Deuteranomaly

174.7480, 22.3092, -15.5650

Tritanomaly

170.3730, 17.5641, -33.6531

Monochromacy



Original Color

171.5780, 23.3790, -32.0789

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5780, 23.3790, -32.0789 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(135, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(135, 181, 219)  
}
```

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(135, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 181, 219) }
```

Border

The CSS property to change the border of an element to YUV 171.5780, 23.3790, -32.0789 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

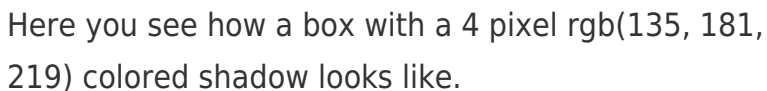
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 181, 219) }
```


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

```
.border{ border-color:rgb(135, 181, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(135, 181,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 171.5780, 23.3790, -32.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 181, 219) }
```

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

```
.background{ background-color: rgb(135,  
181, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor