

Converting Colors

YUV(155.8680, 26.6871,
-66.5362)

Have a look what the booklet for
YUV(155.8680, 26.6871, -66.5362)
contains.

YUV(155.8680, 26.6871, -66.5362)	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(155.8680, 26.6871,
-66.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	50B8D2
RGB	80, 184, 210
RGB Percent	31%, 72%, 82%
CMY	0.6863, 0.2784, 0.1765
CMYK	0.62, 0.12, 0.00, 0.18
HSL	192°, 59%, 57%
HSV	192°, 62%, 82%
XYZ	32.0816, 40.6396, 67.1261
YIQ	155.8680, -70.3300, -13.9620

Conversions

Conversions Part 2

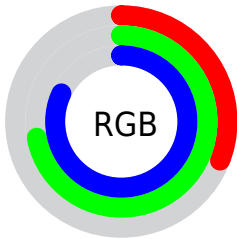
Format	Color
R _Y B	80, 138, 210
Decimal	5290194
CIE Lab	69.92, -22.23, -22.08
CIE LCh	70, 31.326, 224.807
Yxy	40.6396, 0.2294, 0.2906
Android (android.graphics.Color)	4283480274 (0xFF50B8D2)
YUV	155.8680, 26.6871, -66.5362
Hunter-Lab	63.7492, -21.7314, -17.8063

Details

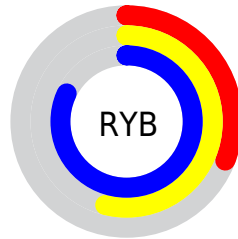
The YUV color **155.8680, 26.6871, -66.5362** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **134.1320, -26.6871, 66.5362**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1090, 21.1453, -62.3626**, and **94.5670, 29.7935, -82.9353** is the 20% darker color. If you saturate the color by 10%, you get **147.2410, 30.9402, -77.3874**, and if you desaturate by 10%, it is **164.4950, 22.4340, -55.6851**.

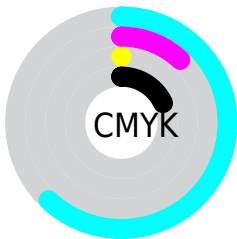
Distribution



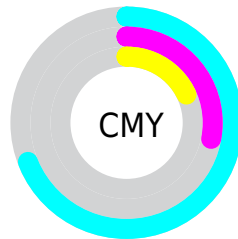
- Red (31%)
- Green (72%)
- Blue (82%)



- Red (31%)
- Yellow (54%)
- Blue (82%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8680, 26.6871, -66.5362 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 155.8680, 26.6871, -66.5362 by changing the saturation by 10% instead.

155.8680, 26.6871,
-66.5362

155.8680, 26.6871,
-66.5362

255.0000, 0.0000,
0.0000

126.0630, 27.5769,
-71.9693

212.1090, 21.1453,
-62.3626

94.5670, 29.7935,
-82.9353

229.8840, 12.3822,
-51.6413

76.3410, 25.9609,
-66.9511

238.5550, 8.1074,
-33.8127

59.4030, 21.9863,
-52.0964

247.5250, 3.6852,
-15.3694

43.1660, 18.1592,
-37.8566

27.6300, 14.4794,
-24.2315

5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 155.8680, 26.6871,
-66.5362

■ 155.8680, 26.6871,
-66.5362

■ 147.2410, 30.9402,
-77.3874

■ 164.4950, 22.4340,
-55.6851

■ 138.6140, 35.1933,
-88.2385

■ 173.1220, 18.1809,
-44.8340


■ 129.4000, 39.7358,
-98.5748


■ 182.3360, 13.6384,
-34.4977

■ 122.5560, 43.1099,
-107.4816


■ 190.9630, 9.3852,
-23.6466

 199.5900, 5.1321,
-12.7954

 208.2170, 0.8790,
-1.9443

 216.8440, -3.3741,
8.9068

 226.0580, -7.9166,
19.2431

 230.4990,
-10.1060, 21.4874

Harmonies

Analogous

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



155.5620, 14.0199, -63.6369



155.8680, 26.6871, -66.5362



163.3250, 30.4058, -45.8890

Triad

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



155.8680, 26.6871, -66.5362



175.1370, 5.8485, 37.5909



167.8720, -26.0659, 7.1283

Complementary

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



155.8680, 26.6871, -66.5362



134.1320, -26.6871, 66.5362

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.



170.4880, -26.8626, 29.3900



155.8680, 26.6871, -66.5362



174.2340, -8.0034, 47.1528

Square

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



155.8680, 26.6871, -66.5362



174.7950, 17.8491, 15.0888



172.4110, -19.9226, 43.4896



164.1230, -16.8226, -17.6479

Rectangle

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



155.8680, 26.6871, -66.5362



168.7020, 28.7409, -25.1717



172.4110, -19.9226, 43.4896



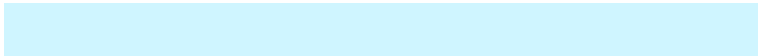
168.9870, -27.1086, 14.9204

Sweetspot

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



155.8680, 26.6871, -66.5362



234.7780, 9.9694, -24.3613



159.2740, -26.2641, -69.5233



115.5080, 6.1586, -15.3545



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.



155.8680, 26.6871, -66.5362



176.1830, 38.8568, -96.6305



117.7130, 45.4975, -33.0743



99.9500, 2.4897, -5.2181



98.3970, 34.3143, -86.2942



24.0450, 8.3588, -21.0875

Inverse Universe

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



130.7260, 26.2641, 69.5233



139.7250, 38.0966, 101.0962



172.2870, -45.4975, 33.0743



98.2010, 1.8729, 5.9627



65.6220, 34.2034, 89.7855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 155.8680, 26.6871, -66.5362 looks on a white background.

Color Contrast Check

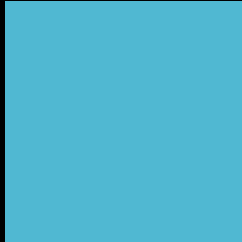
Large Text (above 18pt) WCAG AA × Fail

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 155.8680, 26.6871, -66.5362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

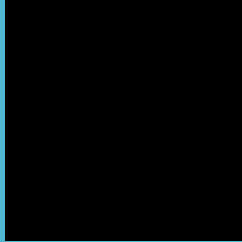
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.8680, 26.6871, -66.5362

Background



This preview shows how black text looks on a background with the YUV color 155.8680, 26.6871, -66.5362.



This preview shows how white text looks on a background with the YUV color 155.8680, 26.6871, -66.5362.

-66.5362.

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

155.8680, 26.6871, -66.5362

Protanopia

170.3380, 14.1304, -5.5584

Deuteranopia

171.1620, 21.1191, -7.1581



Tritanopia

154.8200, 22.7667, -69.1251

Trichromacy



Original Color

155.8680, 26.6871, -66.5362

Protanomaly

165.0470, 18.7108, -28.1052

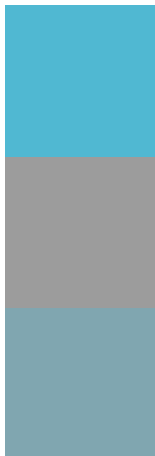
Deuteranomaly

165.6000, 23.3682, -28.5902

Tritanomaly

154.8740, 24.2191, -68.2955

Monochromacy



Original Color

155.8680, 26.6871, -66.5362

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7780, 9.9694, -24.3613

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8680, 26.6871, -66.5362 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(80, 184, 210)` looks like.

```
.text, #text, p{  
    color:rgb(80, 184, 210)  
}
```

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(80, 184, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 184, 210) }
```

Border

The CSS property to change the border of an element to YUV 155.8680, 26.6871, -66.5362 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(80, 184, 210) }
```


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

```
.border{ border-color:rgb(80, 184, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 184, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 184, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 184, 210);  
box-shadow:4px 4px 4px 4px rgb(80, 184,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 155.8680, 26.6871, -66.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 184, 210) }
```

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

```
.background{ background-color: rgb(80, 184,  
210) }
```

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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