

Converting Colors

YUV(173.6350, 26.8019,
-56.6849)

Have a look what the booklet for
YUV(173.6350, 26.8019, -56.6849)
contains.

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Color

**YUV(173.6350, 26.8019,
-56.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC4E4
RGB	109, 196, 228
RGB Percent	43%, 77%, 89%
CMY	0.5725, 0.2314, 0.1059
CMYK	0.52, 0.14, 0.00, 0.11
HSL	196°, 69%, 66%
HSV	196°, 52%, 89%
XYZ	40.0502, 48.3325, 80.6170
YIQ	173.6350, -62.1240, -8.4920

Conversions

Conversions Part 2

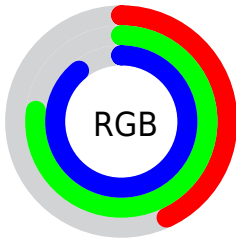
Format	Color
RYB	109, 159, 228
Decimal	7193828
CIELab	75.03, -17.54, -23.98
CIELCh	75, 29.707, 233.818
Yxy	48.3325, 0.2370, 0.2860
Android (android.graphics.Color)	4285383908 (0xFF6DC4E4)
YUV	173.6350, 26.8019, -56.6849
Hunter-Lab	69.5216, -18.8320, -20.0874

Details

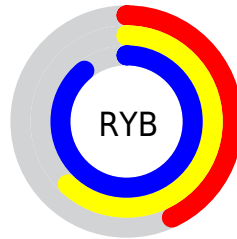
The YUV color **173.6350, 26.8019, -56.6849** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **163.3650, -26.8019, 56.6849**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5140, 13.5506, -53.0708**, and **116.5310, 27.8392, -62.7327** is the 20% darker color. If you saturate the color by 10%, you get **163.2360, 31.9287, -67.7360**, and if you desaturate by 10%, it is **184.0340, 21.6752, -45.6338**.

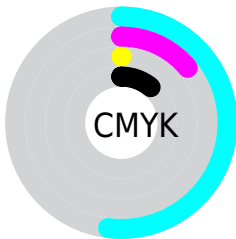
Distribution



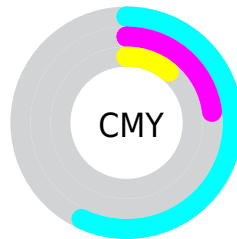
- Red (43%)
- Green (77%)
- Blue (89%)



- Red (43%)
- Yellow (62%)
- Blue (89%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6350, 26.8019, -56.6849 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 173.6350, 26.8019, -56.6849 by changing the saturation by 10% instead.

■ 173.6350, 26.8019,
-56.6849

■ 173.6350, 26.8019,
-56.6849

255.0000, 0.0000,
0.0000

■ 145.6240, 26.8074,
-58.4292

■ 227.5140, 13.5506,
-53.0708

■ 116.5310, 27.8392,
-62.7327

■ 237.6580, 8.5496,
-35.6571

■ 85.3230, 29.9138,
-74.8283

■ 246.3290, 4.2748,
-17.8285

■ 67.6840, 25.7918,
-59.3589

■ 50.7460, 21.8172,
-44.5042

■ 35.0960, 17.7007,
-30.7792

■ 21.4350, 13.5895,

-18.7985

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 173.6350, 26.8019,
-56.6849

■ 173.6350, 26.8019,
-56.6849

■ 163.2360, 31.9287,
-67.7360

■ 184.0340, 21.6752,
-45.6338

■ 152.8370, 37.0554,
-78.7870

■ 194.4330, 16.5485,
-34.5827

■ 142.7370, 42.0347,
-89.2233

■ 204.5330, 11.5692,
-24.1464

■ 131.7510, 47.4508,
-99.7596

■ 215.5190, 6.1531,
-13.6102

■ 124.0210, 51.2616,
-108.7664

■ 225.9180, 1.0264,
-2.5591

■ 236.3170, -4.1003,
8.4920

■ 242.5300, -7.1633,
10.9362

■ 246.0520, -8.8996,
7.8474

■ 249.5740,
-10.6360, 4.7586

Harmonies

Analogous

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



171.0830, 17.2141, -61.4628



173.6350, 26.8019, -56.6849



180.6470, 28.7680, -33.8934

Triad

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



173.6350, 26.8019, -56.6849



189.0080, 1.4751, 40.3350



181.2240, -23.2814, 0.6806

Complementary

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



173.6350, 26.8019, -56.6849



163.3650, -26.8019, 56.6849

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.



183.9710, -26.1147, 22.8274



173.6350, 26.8019, -56.6849



187.8980, -11.7817, 45.6935

Square

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



173.6350, 26.8019, -56.6849



189.1010, 13.7542, 21.8364



185.9220, -21.6535, 38.6564



177.2300, -12.4384, -23.8807

Rectangle

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



173.6350, 26.8019, -56.6849



184.7850, 26.2350, -14.7204



185.9220, -21.6535, 38.6564



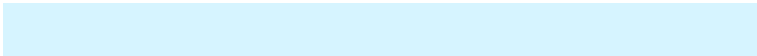
181.8120, -25.0503, 8.0579

Sweetspot

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



173.6350, 26.8019, -56.6849



236.2840, 9.2270, -19.5431



182.5010, -20.4600, -64.4604



116.4160, 5.7109, -11.7658



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.



173.6350, 26.8019, -56.6849



181.6200, 36.1763, -76.8427



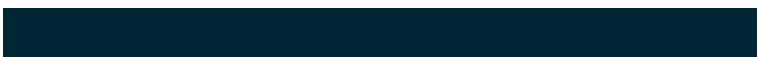
139.0020, 43.8760, -26.3118



109.6510, 2.6371, -5.8329



97.3030, 40.2766, -85.3347



27.5330, 11.5692, -24.1464

Inverse Universe

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



154.4990, 20.4600, 64.4604



155.5910, 27.8096, 87.1817



197.9980, -43.8760, 26.3118



107.6140, 2.1623, 6.4775



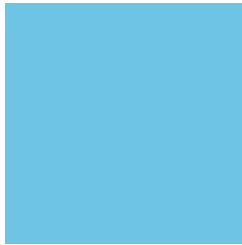
68.3410, 30.3979, 97.0479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 173.6350, 26.8019, -56.6849 looks on a white background.

Color Contrast Check

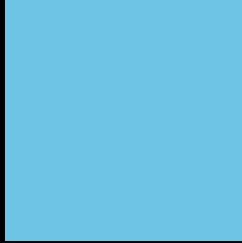
Large Text (above 18pt) WCAG AA × Fail

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 173.6350, 26.8019, -56.6849 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 173.6350, 26.8019, -56.6849

Background



This preview shows how black text looks on a background with the YUV color 173.6350, 26.8019, -56.6849.



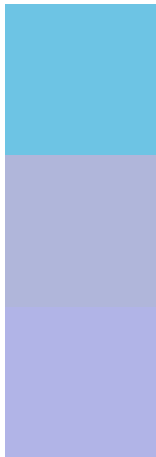
This preview shows how white text looks on a background with the YUV color 173.6350, 26.8019, -56.6849.

-56.6849.

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

173.6350, 26.8019, -56.6849

Protanopia

184.3100, 16.6092, -7.2879

Deuteranopia

184.9170, 22.7189, -6.9432



Tritanopia

171.7180, 20.8450, -59.3887

Trichromacy



Original Color

173.6350, 26.8019, -56.6849

Protanomaly

180.5250, 20.4472, -25.0164

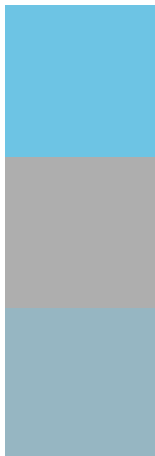
Deuteranomaly

180.8500, 24.2310, -25.3014

Tritanomaly

172.2990, 23.0236, -58.1442

Monochromacy



Original Color

173.6350, 26.8019, -56.6849

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8000, 9.9586, -20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6350, 26.8019, -56.6849 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(109, 196, 228)` looks like.

```
.text, #text, p{  
    color:rgb(109, 196, 228)  
}
```

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(109, 196, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 196, 228) }
```

Border

The CSS property to change the border of an element to YUV 173.6350, 26.8019, -56.6849 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(109, 196, 228) }
```


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

```
.border{ border-color:rgb(109, 196, 228) }
```

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

Here you see how a box with a 4 pixel rgb(109, 196, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 196, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 196, 228);  
box-shadow:4px 4px 4px 4px rgb(109, 196,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 173.6350, 26.8019, -56.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 196, 228) }
```

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

```
.background{ background-color: rgb(109,  
196, 228) }
```

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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