

Converting Colors

YUV(97.3430, 56.5259,
-70.4608)

Have a look what the booklet for
YUV(97.3430, 56.5259, -70.4608)
contains.

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Color

**YUV(97.3430, 56.5259,
-70.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	1174D4
RGB	17, 116, 212
RGB Percent	7%, 45%, 83%
CMY	0.9333, 0.5451, 0.1686
CMYK	0.92, 0.45, 0.00, 0.17
HSL	210°, 85%, 45%
HSV	210°, 92%, 83%
XYZ	18.3602, 17.3634, 64.6711
YIQ	97.3430, -89.8200, 8.8680

Conversions

Conversions Part 2

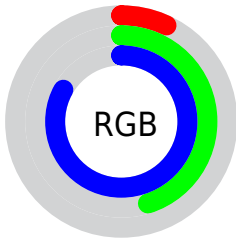
Format	Color
R _Y B	17, 83, 212
Decimal	1144020
CIE Lab	48.71, 10.09, -56.54
CIE LCh	49, 57.434, 280.120
Yxy	17.3634, 0.1829, 0.1730
Android (android.graphics.Color)	4279334100 (0xFF1174D4)
YUV	97.3430, 56.5259, -70.4608
Hunter-Lab	41.6694, 5.7285, -62.8497

Details

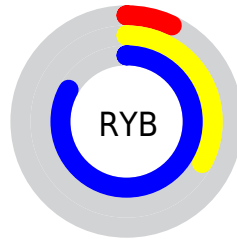
The YUV color **97.3430, 56.5259, -70.4608** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **131.6570, -56.5259, 70.4608**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1950, 47.7249, -47.5290**, and **58.4010, 48.6093, -51.2177** is the 20% darker color. If you saturate the color by 10%, you get **87.5640, 61.3469, -76.7936**, and if you desaturate by 10%, it is **109.4920, 50.5364, -62.6985**.

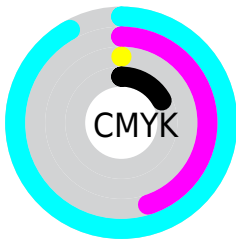
Distribution



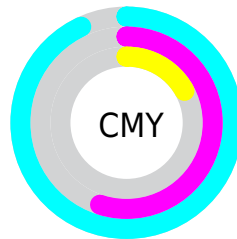
- Red (7%)
- Green (45%)
- Blue (83%)



- Red (7%)
- Yellow (33%)
- Blue (83%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (93%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3430, 56.5259, -70.4608 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 97.3430, 56.5259, -70.4608 by changing the saturation by 10% instead.

■ 97.3430, 56.5259,
-70.4608

■ 97.3430, 56.5259,
-70.4608

■ 255.0000, 0.0000,
0.0000

■ 74.9800, 53.7469,
-65.7575

■ 158.1950, 47.7249,
-47.5290

■ 58.4010, 48.6093,
-51.2177

■ 183.6120, 35.1943,
-41.7557

■ 42.9960, 42.8930,
-37.7075

■ 209.3170, 22.5217,
-37.1120

■ 28.8790, 37.0347,
-25.3269

■ 235.6090, 9.5598,
-32.9831

■ 13.1150, 32.4813,
-11.5019

■ 246.9270, 3.9800,
-16.5990

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 97.3430, 56.5259,
-70.4608

■ 97.3430, 56.5259,
-70.4608

■ 87.5640, 61.3469,
-76.7936

■ 109.4920, 50.5364,
-62.6985

■ 122.2280, 44.2576,
-55.4510

■ 134.6760, 38.1207,
-47.0739

■ 147.4120, 31.8419,
-39.8263

■ 159.5610, 25.8524,
-32.0640

■ 172.2970, 19.5736,
-24.8165

■ 184.4460, 13.5841,
-17.0541

■ 196.8940, 7.4473,
-8.6770

■ 209.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



99.9080, 52.7964, -87.6193



97.3430, 56.5259, -70.4608



118.8010, 35.5941, 16.8375

Triad

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



97.3430, 56.5259, -70.4608



110.9370, -27.5769, 71.9693



89.0660, -3.9765, -78.1109

Complementary

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



97.3430, 56.5259, -70.4608



131.6570, -56.5259, 70.4608

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.



101.0020, -33.5250, -27.1888



97.3430, 56.5259, -70.4608



109.8760, -48.7459, 48.3437

Square

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



97.3430, 56.5259, -70.4608



110.0670, -4.4700, 80.6252



106.9290, -52.7160, 14.9713



95.9400, 17.2846, -84.1394

Rectangle

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



97.3430, 56.5259, -70.4608



117.7960, 23.2716, 49.2909



106.9290, -52.7160, 14.9713



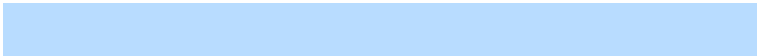
85.9540, -10.8233, -75.3817

Sweetspot

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



97.3430, 56.5259, -70.4608



213.2260, 20.5946, -25.6312



142.1810, -15.3722, -109.7837



101.9300, 12.8525, -15.7246



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.



97.3430, 56.5259, -70.4608



104.7930, 74.0521, -91.9035



40.9910, 84.3074, -21.0401



100.7760, 3.0684, -4.1886



70.5630, 49.5154, -61.8838



17.8160, 12.4157, -15.6246

Inverse Universe

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



86.5910, 14.4986, 109.9837



90.9510, 18.7582, 143.8710



188.0090, -84.3074, 21.0401



99.9730, 0.9993, 6.1627



61.0470, 12.7948, 96.4288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 97.3430, 56.5259, -70.4608 looks on a white background.

Color Contrast Check

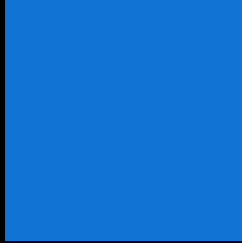
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 97.3430, 56.5259, -70.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

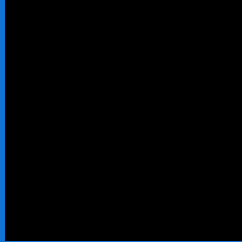
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

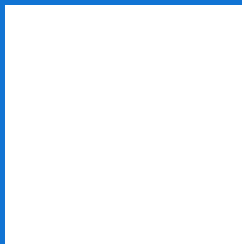
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.3430, 56.5259, -70.4608

Background



This preview shows how black text looks on a background with the YUV color 97.3430, 56.5259, -70.4608.



This preview shows how white text looks on a background with the YUV color 97.3430, 56.5259, -70.4608.

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

97.3430, 56.5259, -70.4608

Protanopia

109.7880, 48.4185, -36.6481

Deuteranopia

92.2770, 56.5584, -80.9269



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

97.3430, 56.5259, -70.4608

Protanomaly

104.8080, 51.3667, -48.9436

Deuteranomaly

94.2990, 56.5476, -77.4382

Tritanomaly

93.2780, 34.8659, -76.5428

Monochromacy



Original Color

97.3430, 56.5259, -70.4608

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2260, 20.5946, -25.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3430, 56.5259, -70.4608 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(17, 116, 212)` looks like.

```
.text, #text, p{  
    color:rgb(17, 116, 212)  
}
```

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(17, 116, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 116, 212) }
```

Border

The CSS property to change the border of an element to YUV 97.3430, 56.5259, -70.4608 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(17, 116, 212) }
```


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

```
.border{ border-color:rgb(17, 116, 212) }
```

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

Here you see how a box with a 4 pixel rgb(17, 116, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 116, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 116, 212);  
box-shadow:4px 4px 4px 4px rgb(17, 116,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 97.3430, 56.5259, -70.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 116, 212) }
```

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

```
.background{ background-color: rgb(17, 116,  
212) }
```

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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