

Converting Colors

YUV(74.3500, 56.0295,
-51.1729)

Have a look what the booklet for
YUV(74.3500, 56.0295, -51.1729)
contains.

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Color

**YUV(74.3500, 56.0295,
-51.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	1052BC
RGB	16, 82, 188
RGB Percent	6%, 32%, 74%
CMY	0.9373, 0.6784, 0.2627
CMYK	0.91, 0.56, 0.00, 0.26
HSL	217°, 84%, 40%
HSV	217°, 91%, 74%
XYZ	12.3081, 9.7756, 48.8151
YIQ	74.3500, -73.3620, 18.9740

Conversions

Conversions Part 2

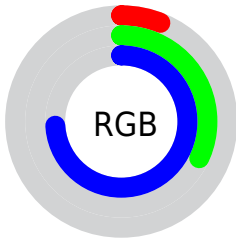
Format	Color
R_{YB}	16, 64, 188
Decimal	1069756
CIE _{Lab}	37.44, 22.63, -60.94
CIE _{LCh}	37, 65.006, 290.373
Yxy	9.7756, 0.1736, 0.1379
Android (android.graphics.Color)	4279259836 (0xFF1052BC)
YUV	74.3500, 56.0295, -51.1729
Hunter-Lab	31.2659, 15.5525, -70.6826

Details

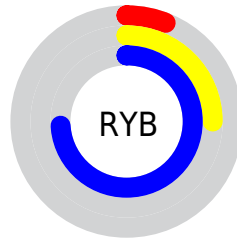
The YUV color **74.3500, 56.0295, -51.1729** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **129.6500, -56.0295, 51.1729**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4280, 54.5120, -31.0704**, and **38.1690, 47.2447, -33.4742** is the 20% darker color. If you saturate the color by 10%, you get **63.6960, 61.2819, -55.8614**, and if you desaturate by 10%, it is **87.0750, 49.7560, -45.6698**.

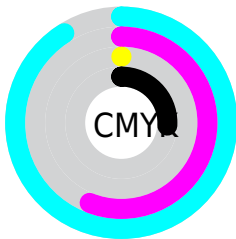
Distribution



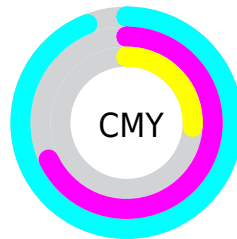
- Red (6%)
- Green (32%)
- Blue (74%)



- Red (6%)
- Yellow (25%)
- Blue (74%)



- Cyan (91%)
- Magenta (56%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (68%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3500, 56.0295, -51.1729 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 74.3500, 56.0295, -51.1729 by changing the saturation by 10% instead.

■ 74.3500, 56.0295,
-51.1729

■ 74.3500, 56.0295,
-51.1729

■ 255.0000, 0.0000,
0.0000

■ 53.4600, 52.5242,
-46.8844

■ 134.4280, 54.5120,
-31.0704

■ 38.1690, 47.2447,
-33.4742

■ 160.0990, 46.7862,
-26.3968

■ 24.6390, 41.0970,
-21.6084

■ 184.3310, 34.8398,
-21.3383

■ 10.6360, 35.6755,
-9.3278

■ 209.7370, 22.3147,
-17.3093

■ 10.1340, 23.5979,
-8.8875

■ 235.1430, 9.7895,
-13.2804

■ 5.2780, 15.1459,
-4.6288

■ 253.8040, 0.5896,

■ 1.3680, 5.2416,

-2.4591

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 74.3500, 56.0295,
-51.1729

■ 74.3500, 56.0295,
-51.1729

■ 63.6960, 61.2819,
-55.8614

■ 87.0750, 49.7560,
-45.6698

■ 99.2130, 43.7720,
-39.6518

■ 111.6390, 37.6460,
-34.7634

■ 123.7770, 31.6619,
-28.7454

■ 136.5020, 25.3885,
-23.2423

■ 149.2270, 19.1151,
-17.7391

■ 161.3650, 13.1311,
-11.7211

■ 173.7910, 7.0050,
-6.8327

■ 185.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



80.7020, 55.3629, -70.7757



74.3500, 56.0295, -51.1729



87.7760, 33.6344, 38.7844

Triad

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



74.3500, 56.0295, -51.1729



78.0540, -38.4806, 69.2356



71.8490, -1.4046, -63.0116

Complementary

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



74.3500, 56.0295, -51.1729



129.6500, -56.0295, 51.1729

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.



62.0910, -28.6389, -54.4538



74.3500, 56.0295, -51.1729



83.4380, -41.1349, 33.8189

Square

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



74.3500, 56.0295, -51.1729



65.3510, -5.1030, 97.0392



78.4780, -38.6897, -3.9272



78.5920, 21.8931, -68.9252

Rectangle

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



74.3500, 56.0295, -51.1729



76.7760, 23.7744, 74.7414



78.4780, -38.6897, -3.9272



69.0960, -9.4143, -60.5972

Sweetspot

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



74.3500, 56.0295, -51.1729



201.1990, 21.5939, -19.4685



128.7060, -4.7851, -98.8432



96.2510, 12.6943, -11.6211



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



74.3500, 56.0295, -51.1729



83.1080, 79.8128, -72.8857



40.6910, 72.6233, -6.7450



88.3740, 2.7736, -2.9590



53.8190, 51.3612, -47.1993



10.5780, 10.0680, -9.2769

Inverse Universe

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



74.9520, 3.4747, 99.1431



83.9710, 4.9443, 141.2224



163.3090, -72.6233, 6.7450



88.1470, 0.4205, 5.1331



54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 74.3500, 56.0295, -51.1729 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.3500, 56.0295, -51.1729 looks on a black 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

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

YUV 74.3500, 56.0295, -51.1729

Background



This preview shows how black text looks on a background with the YUV color 74.3500, 56.0295, -51.1729.



This preview shows how white text looks on a background with the YUV color 74.3500, 56.0295, -51.1729.

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

74.3500, 56.0295, -51.1729

Protanopia

70.4150, 54.0254, -61.7540

Deuteranopia

70.3860, 41.2217, -61.7285



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

74.3500, 56.0295, -51.1729

Protanomaly

71.9640, 54.7407, -57.8504

Deuteranomaly

71.7870, 46.4470, -57.6952

Tritanomaly

71.1880, 31.4593, -57.1699

Monochromacy



Original Color

74.3500, 56.0295, -51.1729

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1560, 20.1361, -18.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3500, 56.0295, -51.1729 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(16, 82, 188)` looks like.

```
.text, #text, p{  
    color:rgb(16, 82, 188)  
}
```

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(16, 82, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 82, 188) }
```

Border

The CSS property to change the border of an element to YUV 74.3500, 56.0295, -51.1729 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(16, 82, 188) }
```


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

```
.border{ border-color:rgb(16, 82, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 82, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 82, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 82, 188);  
box-shadow:4px 4px 4px 4px rgb(16, 82,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 74.3500, 56.0295, -51.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 82, 188) }
```

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

```
.background{ background-color: rgb(16, 82,  
188) }
```

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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