

Converting Colors

YUV(106.6930, 52.4094,
-56.7358)

Have a look what the booklet for
YUV(106.6930, 52.4094, -56.7358)
contains.

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Color

**YUV(106.6930, 52.4094,
-56.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	2A77D5
RGB	42, 119, 213
RGB Percent	16%, 47%, 84%
CMY	0.8353, 0.5333, 0.1647
CMYK	0.80, 0.44, 0.00, 0.16
HSL	213°, 67%, 50%
HSV	213°, 80%, 84%
XYZ	19.5619, 18.4900, 65.4887
YIQ	106.6930, -76.0660, 12.9100

Conversions

Conversions Part 2

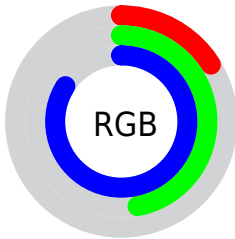
Format	Color
R_{YB}	42, 95, 213
Decimal	2783189
CIE _{Lab}	50.09, 10.36, -54.88
CIE _{LCh}	50, 55.852, 280.688
Yxy	18.4900, 0.1889, 0.1786
Android (android.graphics.Color)	4280973269 (0xFF2A77D5)
YUV	106.6930, 52.4094, -56.7358
Hunter-Lab	43.0000, 5.9547, -60.1983

Details

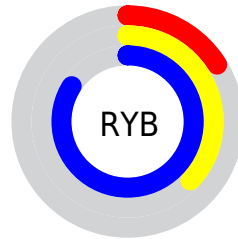
The YUV color **106.6930, 52.4094, -56.7358** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **148.3070, -52.4094, 56.7358**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5330, 45.0932, -43.4404**, and **60.2760, 48.1779, -52.8621** is the 20% darker color. If you saturate the color by 10%, you get **93.3700, 58.9776, -63.4685**, and if you desaturate by 10%, it is **120.0160, 45.8411, -50.0030**.

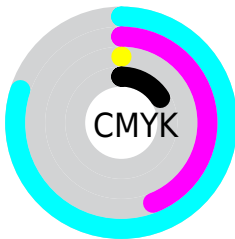
Distribution



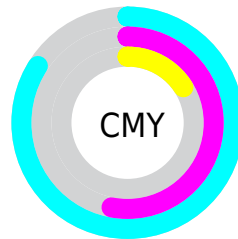
- Red (16%)
- Green (47%)
- Blue (84%)



- Red (16%)
- Yellow (37%)
- Blue (84%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6930, 52.4094, -56.7358 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 106.6930, 52.4094, -56.7358 by changing the saturation by 10% instead.

■ 106.6930, 52.4094,
-56.7358

■ 106.6930, 52.4094,
-56.7358

255.0000, 0.0000,
0.0000

■ 76.8550, 53.3155,
-67.4018

■ 163.5330, 45.0932,
-43.4404

■ 60.2760, 48.1779,
-52.8621

■ 188.6510, 32.7101,
-38.2819

■ 44.2840, 42.7510,
-38.8371

■ 214.3560, 20.0375,
-33.6382

■ 29.5800, 37.1821,
-25.9417

■ 239.7620, 7.5123,
-29.6093

■ 10.9950, 34.5125,
-9.6426

■ 249.3190, 2.8007,
-11.6808

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 106.6930, 52.4094,
-56.7358

■ 106.6930, 52.4094,
-56.7358

■ 93.3700, 58.9776,
-63.4685

■ 120.0160, 45.8411,
-50.0030

■ 80.6340, 65.2564,
-70.7160

■ 133.0510, 39.4149,
-42.1407

■ 146.3740, 32.8466,
-35.4080

■ 159.6970, 26.2784,
-28.6753

■ 173.3190, 19.5627,
-21.3278

■ 186.0550, 13.2839,
-14.0802

■ 199.3780, 6.7156,
-7.3475

■ 212.7010, 0.1474,
-0.6148

■ 225.7360, -6.2788,
7.2475

Harmonies

Analogous

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



101.8970, 52.8018, -89.3637



106.6930, 52.4094, -56.7358



122.7580, 34.1363, 17.7522

Triad

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



106.6930, 52.4094, -56.7358



114.9260, -27.5715, 70.2249



91.3970, -2.6607, -80.1552

Complementary

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



106.6930, 52.4094, -56.7358



148.3070, -52.4094, 56.7358

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.



104.7570, -31.9252, -26.9739



106.6930, 52.4094, -56.7358



113.8480, -46.2671, 46.6143

Square

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



106.6930, 52.4094, -56.7358



115.1160, -5.4802, 77.9513



109.8150, -53.1528, 15.0712



98.1570, 18.1636, -86.0837

Rectangle

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



106.6930, 52.4094, -56.7358



121.1550, 22.1086, 48.9761



109.8150, -53.1528, 15.0712



88.9860, -9.3601, -78.0407

Sweetspot

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



106.6930, 52.4094, -56.7358



216.8030, 18.8311, -19.9982



152.7510, -9.7372, -97.1286



104.6100, 11.5313, -11.9360



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.



106.6930, 52.4094, -56.7358



102.5000, 75.1825, -81.1225



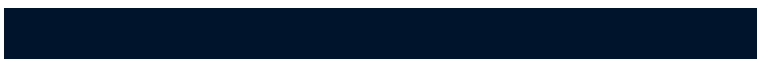
63.2880, 73.8080, -13.4076



100.1890, 3.3578, -3.6738



64.6930, 52.4094, -56.7358



16.6420, 12.9945, -14.5950

Inverse Universe

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



101.9070, 8.4268, 97.4286



95.7950, 11.9331, 139.6228



191.7120, -73.8080, 13.4076



99.8590, 0.5625, 6.2627



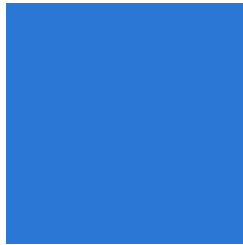
59.9070, 8.4268, 97.4286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 106.6930, 52.4094, -56.7358 looks on a white 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

Black Background



This preview shows how the YUV color 106.6930, 52.4094, -56.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

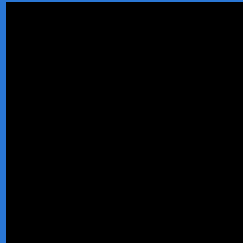
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

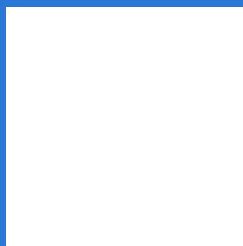
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.6930, 52.4094, -56.7358

Background



This preview shows how black text looks on a background with the YUV color 106.6930, 52.4094, -56.7358.



This preview shows how white text looks on a background with the YUV color 106.6930, 52.4094, -56.7358.

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

106.6930, 52.4094, -56.7358

Protanopia

113.7560, 46.9553, -33.9890

Deuteranopia

101.0010, 55.2155, -70.1609



Tritanopia

93.5580, 23.3889, -82.0504

Trichromacy



Original Color

106.6930, 52.4094, -56.7358

Protanomaly

110.8690, 48.8716, -41.9811

Deuteranomaly

103.3930, 54.0363, -65.2427

Tritanomaly

98.0720, 33.9815, -72.8541

Monochromacy



Original Color

106.6930, 52.4094, -56.7358

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.6180, 19.4153, -20.7130

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6930, 52.4094, -56.7358 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(42, 119, 213)` looks like.

```
.text, #text, p{  
    color:rgb(42, 119, 213)  
}
```

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(42, 119, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 119, 213) }
```

Border

The CSS property to change the border of an element to YUV 106.6930, 52.4094, -56.7358 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(42, 119, 213) }
```


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

```
.border{ border-color:rgb(42, 119, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 119, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 119, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 119, 213);  
box-shadow:4px 4px 4px 4px rgb(42, 119,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 106.6930, 52.4094, -56.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 119, 213) }
```

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

```
.background{ background-color: rgb(42, 119,  
213) }
```

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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