

Converting Colors

YUV(106.6920, 57.3398,
-51.4729)

Have a look what the booklet for
YUV(106.6920, 57.3398, -51.4729)
contains.

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Color

**YUV(106.6920, 57.3398,
-51.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	3072DF
RGB	48, 114, 223
RGB Percent	19%, 45%, 87%
CMY	0.8118, 0.5529, 0.1255
CMYK	0.78, 0.49, 0.00, 0.13
HSL	217°, 73%, 53%
HSV	217°, 78%, 87%
XYZ	20.5555, 17.9907, 72.2012
YIQ	106.6920, -74.3250, 19.9070

Conversions

Conversions Part 2

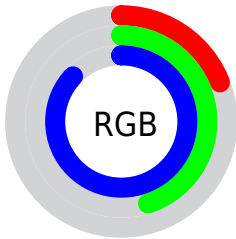
Format	Color
R _Y B	48, 96, 223
Decimal	3175135
CIE Lab	49.48, 17.86, -61.50
CIE LCh	49, 64.041, 286.195
Yxy	17.9907, 0.1856, 0.1624
Android (android.graphics.Color)	4281365215 (0xFF3072DF)
YUV	106.6920, 57.3398, -51.4729
Hunter-Lab	42.4155, 12.2782, -71.2348

Details

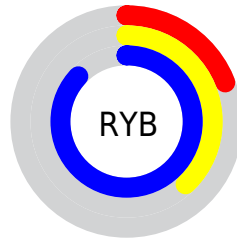
The YUV color **106.6920, 57.3398, -51.4729** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **164.3080, -57.3398, 51.4729**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8050, 45.9451, -36.6630**, and **58.3670, 53.5561, -51.1879** is the 20% darker color. If you saturate the color by 10%, you get **91.8960, 64.6343, -57.7908**, and if you desaturate by 10%, it is **121.4880, 50.0454, -45.1550**.

Distribution



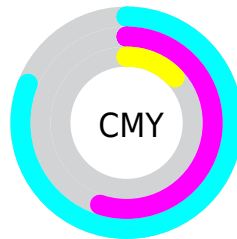
- Red (19%)
- Green (45%)
- Blue (87%)



- Red (19%)
- Yellow (38%)
- Blue (87%)



- Cyan (78%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (81%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6920, 57.3398, -51.4729 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 106.6920, 57.3398, -51.4729 by changing the saturation by 10% instead.

■ 106.6920, 57.3398,
-51.4729

■ 106.6920, 57.3398,
-51.4729

255.0000, 0.0000,
0.0000

■ 75.0600, 59.1304,
-65.8276

■ 161.8050, 45.9451,
-36.6630

■ 58.3670, 53.5561,
-51.1879

■ 186.9230, 33.5620,
-31.5045

■ 42.9620, 47.8397,
-37.6777

■ 212.6280, 20.8894,
-26.8608

■ 28.8450, 41.9814,
-25.2971

■ 238.0340, 8.3642,
-22.8318

■ 10.7330, 38.5856,
-9.4128

■ 251.4120, 1.7689,
-7.3773

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 106.6920, 57.3398,
-51.4729

■ 106.6920, 57.3398,
-51.4729

■ 91.8960, 64.6343,
-57.7908

■ 121.4880, 50.0454,
-45.1550

■ 76.8010, 72.0761,
-64.7235

■ 136.5830, 42.6036,
-38.2223

■ 74.7300, 73.0971,
-65.5382

■ 151.3790, 35.3092,
-31.9044

■ 166.1750, 28.0147,
-25.5865

■ 180.6830, 20.8623,
-18.1390

■ 195.4790, 13.5679,
-11.8211

■ 210.2750, 6.2734,
-5.5032

■ 225.0710, -1.0210,
0.8147

■ 240.1660, -8.4628,
7.7474

Harmonies

Analogous

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



102.4330, 59.9325, -89.8337



106.6920, 57.3398, -51.4729



120.4160, 36.2769, 31.2072

Triad

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



106.6920, 57.3398, -51.4729



111.1950, -35.5921, 76.1280



92.4400, -1.2029, -81.0699

Complementary

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



106.6920, 57.3398, -51.4729



164.3080, -57.3398, 51.4729

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.



96.1630, -31.1394, -45.7470



106.6920, 57.3398, -51.4729



110.6600, -54.5554, 45.0252

Square

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



106.6920, 57.3398, -51.4729



108.6940, -8.7231, 91.4764



106.8740, -52.6889, 6.2495



99.9980, 22.6790, -87.6982

Rectangle

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



106.6920, 57.3398, -51.4729



116.7810, 22.7860, 65.0901



106.8740, -52.6889, 6.2495



89.6870, -9.2127, -78.6555

Sweetspot

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



106.6920, 57.3398, -51.4729



214.4550, 19.9887, -17.9390



163.0370, -3.4692, -100.8874



102.8490, 12.3994, -10.3916



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.



106.6920, 57.3398, -51.4729



95.7770, 78.4969, -70.8414



73.9300, 73.4915, -5.2006



104.6020, 3.6472, -3.1590



58.8060, 57.7766, -51.5729



16.0380, 15.7573, -14.0653

Inverse Universe

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



107.8490, 3.0324, 100.9874



97.1340, 4.3709, 138.4485



197.0700, -73.4915, 5.2006



104.7450, 0.1257, 6.3626



60.1480, 2.8850, 101.6022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 106.6920, 57.3398, -51.4729 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 106.6920, 57.3398, -51.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

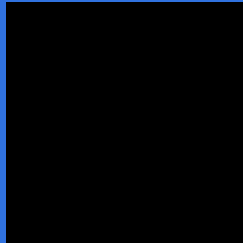
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

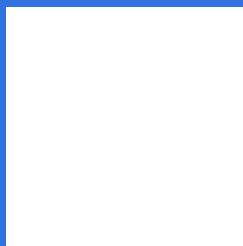
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.6920, 57.3398, -51.4729

Background



This preview shows how black text looks on a background with the YUV color 106.6920, 57.3398, -51.4729.



This preview shows how white text looks on a background with the YUV color 106.6920, 57.3398, -51.4729.

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

106.6920, 57.3398, -51.4729

Protanopia

108.3830, 56.0132, -45.9399

Deuteranopia

93.6790, 56.8533, -82.1565



Tritanopia

92.1560, 23.0941, -80.8208

Trichromacy



Original Color

106.6920, 57.3398, -51.4729

Protanomaly

107.4860, 56.4554, -47.7842

Deuteranomaly

98.1580, 57.1101, -71.1756

Tritanomaly

97.2510, 35.8653, -70.3801

Monochromacy



Original Color

106.6920, 57.3398, -51.4729

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2700, 20.5729, -18.6538

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6920, 57.3398, -51.4729 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(48, 114, 223)` looks like.

```
.text, #text, p{  
    color:rgb(48, 114, 223)  
}
```

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(48, 114, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 114, 223) }
```

Border

The CSS property to change the border of an element to YUV 106.6920, 57.3398, -51.4729 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(48, 114, 223) }
```


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

```
.border{ border-color:rgb(48, 114, 223) }
```

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

Here you see how a box with a 4 pixel rgb(48, 114, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 114, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 114, 223);  
box-shadow:4px 4px 4px 4px rgb(48, 114,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 106.6920, 57.3398, -51.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 114, 223) }
```

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

```
.background{ background-color: rgb(48, 114,  
223) }
```

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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