

Converting Colors

YUV(96.3880, 58.4757,
-42.4363)

Have a look what the booklet for
YUV(96.3880, 58.4757, -42.4363)
contains.

YUV(96.3880, 58.4757, -42.4363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.3880, 58.4757,
-42.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	3062D7
RGB	48, 98, 215
RGB Percent	19%, 38%, 84%
CMY	0.8118, 0.6157, 0.1569
CMYK	0.78, 0.54, 0.00, 0.16
HSL	222°, 68%, 52%
HSV	222°, 78%, 84%
XYZ	17.8523, 14.2700, 66.1035
YIQ	96.3880, -67.3570, 25.7870

Conversions

Conversions Part 2

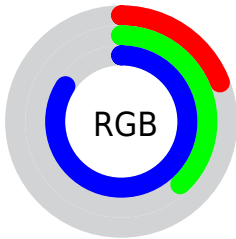
Format	Color
R _Y B	48, 86, 215
Decimal	3171031
CIE Lab	44.62, 25.06, -64.84
CIE LCh	45, 69.511, 291.133
Yxy	14.2700, 0.1817, 0.1453
Android (android.graphics.Color)	4281361111 (0xFF3062D7)
YUV	96.3880, 58.4757, -42.4363
Hunter-Lab	37.7757, 18.2495, -77.3082

Details

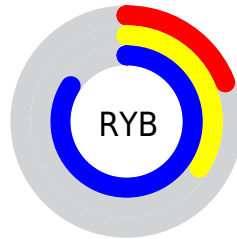
The YUV color **96.3880, 58.4757, -42.4363** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **166.6120, -58.4757, 42.4363**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5270, 51.0122, -28.5262**, and **49.2370, 54.1132, -43.1808** is the 20% darker color. If you saturate the color by 10%, you get **81.3040, 65.9121, -47.6246**, and if you desaturate by 10%, it is **111.7710, 50.8919, -36.6332**.

Distribution



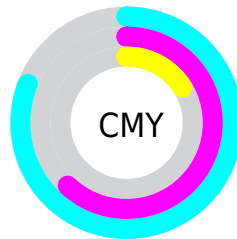
- Red (19%)
- Green (38%)
- Blue (84%)



- Red (19%)
- Yellow (34%)
- Blue (84%)



- Cyan (78%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3880, 58.4757, -42.4363 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 96.3880, 58.4757, -42.4363 by changing the saturation by 10% instead.

■ 96.3880, 58.4757,
-42.4363

■ 96.3880, 58.4757,
-42.4363

255.0000, 0.0000,
0.0000

■ 65.3430, 59.9769,
-57.3058

■ 151.5270, 51.0122,
-28.5262

■ 49.2370, 54.1132,
-43.1808

■ 176.6450, 38.6290,
-23.3677

■ 34.4190, 48.1074,
-30.1855

■ 201.4640, 26.3932,
-18.8239

■ 20.3020, 42.2491,
-17.8049

■ 227.1690, 13.7207,
-14.1802

■ 14.5170, 32.7761,
-12.7314

■ 250.8140, 2.0637,
-8.6069

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 96.3880, 58.4757,
-42.4363

■ 96.3880, 58.4757,
-42.4363

■ 81.3040, 65.9121,
-47.6246

■ 111.7710, 50.8919,
-36.6332

■ 65.9210, 73.4959,
-53.4277

■ 126.8550, 43.4555,
-31.4448

■ 62.0780, 75.3905,
-54.4424

■ 142.2380, 35.8717,
-25.6417

■ 157.3220, 28.4353,
-20.4534

■ 172.7050, 20.8514,
-14.6503

■ 187.7890, 13.4150,
-9.4620

■ 203.1720, 5.8312,
-3.6588

■ 218.8430, -1.8946,
1.0147

■ 234.2260, -9.4784,
6.8178

Harmonies

Analogous

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



94.4600, 62.3842, -82.8414



96.3880, 58.4757, -42.4363



105.7920, 36.0915, 44.0324

Triad

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



96.3880, 58.4757, -42.4363



95.3770, -45.0489, 75.9684



85.5270, 0.2332, -75.0072

Complementary

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



96.3880, 58.4757, -42.4363



166.6120, -58.4757, 42.4363

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.



75.6550, -27.4379, -66.3494



96.3880, 58.4757, -42.4363



99.6960, -49.1501, 37.9776

Square

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



96.3880, 58.4757, -42.4363



88.1190, -9.9187, 101.6276



94.4150, -46.5466, -3.8720



92.9540, 26.1517, -81.5207

Rectangle

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



96.3880, 58.4757, -42.4363



96.1080, 23.6108, 80.5893



94.4150, -46.5466, -3.8720



82.5460, -8.6502, -72.3928

Sweetspot

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



96.3880, 58.4757, -42.4363



213.2920, 20.5620, -15.1651



159.3670, 2.7771, -97.6689



101.9740, 12.8308, -8.7472



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.



96.3880, 58.4757, -42.4363



86.6950, 82.9744, -60.2455



76.9050, 68.0808, 3.5913



99.6020, 3.6472, -3.1590



49.4310, 59.9335, -43.3510



12.5330, 15.0202, -10.9914

Inverse Universe

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



103.6330, -2.7771, 97.6689



96.9570, -3.9228, 138.6037



186.0950, -68.0808, -3.5913



99.7450, 0.1257, 6.3626



56.9430, -2.9299, 100.0280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 96.3880, 58.4757, -42.4363 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 96.3880, 58.4757, -42.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

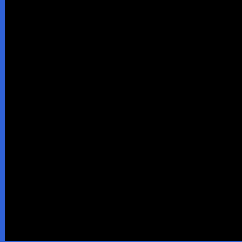
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3880, 58.4757, -42.4363

Background



This preview shows how black text looks on a background with the YUV color 96.3880, 58.4757, -42.4363.



This preview shows how white text looks on a background with the YUV color 96.3880, 58.4757, -42.4363.

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

96.3880, 58.4757, -42.4363

Protanopia

83.7970, 64.6831, -73.4900

Deuteranopia

84.0130, 50.2796, -73.6794



Tritanopia

82.8150, 20.3042, -72.6288

Trichromacy



Original Color

96.3880, 58.4757, -42.4363

Protanomaly

88.2930, 62.4666, -62.5240

Deuteranomaly

88.5890, 53.4466, -62.7836

Tritanomaly

87.5510, 34.2384, -61.8732

Monochromacy



Original Color

96.3880, 58.4757, -42.4363

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.4060, 20.9988, -15.2651

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3880, 58.4757, -42.4363 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, 98, 215)` looks like.

```
.text, #text, p{  
    color:rgb(48, 98, 215)  
}
```

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, 98, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 98, 215) }
```

Border

The CSS property to change the border of an element to YUV 96.3880, 58.4757, -42.4363 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, 98, 215) }
```


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

```
.border{ border-color:rgb(48, 98, 215) }
```

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

Here you see how a box with a 4 pixel rgb(48, 98, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 98, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 98, 215);  
box-shadow:4px 4px 4px 4px rgb(48, 98,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 96.3880, 58.4757, -42.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 98, 215) }
```

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

```
.background{ background-color: rgb(48, 98,  
215) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor