

Converting Colors

YUV(96.4100, 58.4649,
-38.9476)

Have a look what the booklet for
YUV(96.4100, 58.4649, -38.9476)
contains.

YUV(96.4100, 58.4649, -38.9476)	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(96.4100, 58.4649,
-38.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	3460D7
RGB	52, 96, 215
RGB Percent	20%, 38%, 84%
CMY	0.7961, 0.6235, 0.1569
CMYK	0.76, 0.55, 0.00, 0.16
HSL	224°, 67%, 52%
HSV	224°, 76%, 84%
XYZ	17.8648, 14.0021, 66.0511
YIQ	96.4100, -64.4230, 27.6810

Conversions

Conversions Part 2

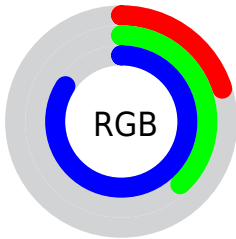
Format	Color
R_{YB}	52, 87, 215
Decimal	3432663
CIE _{Lab}	44.24, 26.77, -65.45
CIE _{LCh}	44, 70.714, 292.248
Yxy	14.0021, 0.1824, 0.1430
Android (android.graphics.Color)	4281622743 (0xFF3460D7)
YUV	96.4100, 58.4649, -38.9476
Hunter-Lab	37.4194, 19.7357, -78.4626

Details

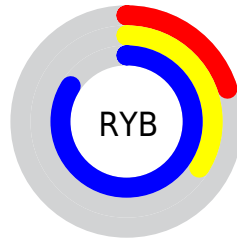
The YUV color **96.4100, 58.4649, -38.9476** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **170.5900, -58.4649, 38.9476**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9510, 51.2962, -26.2670**, and **48.0630, 54.6919, -42.1513** is the 20% darker color. If you saturate the color by 10%, you get **80.4400, 66.3381, -44.2359**, and if you desaturate by 10%, it is **112.3800, 50.5917, -33.6593**.

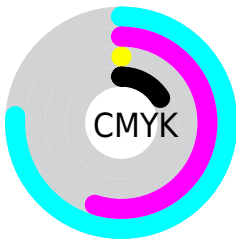
Distribution



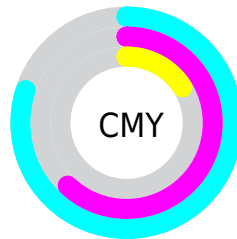
- Red (20%)
- Green (38%)
- Blue (84%)



- Red (20%)
- Yellow (34%)
- Blue (84%)



- Cyan (76%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4100, 58.4649, -38.9476 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 96.4100, 58.4649, -38.9476 by changing the saturation by 10% instead.

■ 96.4100, 58.4649,
-38.9476

■ 96.4100, 58.4649,
-38.9476

255.0000, 0.0000,
0.0000

■ 64.1690, 60.5557,
-56.2762

■ 150.9510, 51.2962,
-26.2670

■ 48.0630, 54.6919,
-42.1513

■ 175.4820, 39.2024,
-20.5937

■ 33.2450, 48.6862,
-29.1559

■ 200.8880, 26.6772,
-16.5648

■ 19.1280, 42.8279,
-16.7753

■ 226.5930, 14.0047,
-11.9211

■ 14.5170, 32.7761,
-12.7314

■ 251.7110, 1.6215,
-6.7625

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 96.4100, 58.4649,
-38.9476

■ 96.4100, 58.4649,
-38.9476

■ 80.4400, 66.3381,
-44.2359

■ 112.3800, 50.5917,
-33.6593

■ 65.3560, 73.7745,
-49.4242

■ 127.4640, 43.1552,
-28.4709

■ 58.5560, 77.1269,
-51.3536

■ 143.4340, 35.2820,
-23.1826

■ 159.1050, 27.5562,
-18.5091

■ 174.4880, 19.9724,
-12.7060

■ 190.1590, 12.2466,
-8.0324

■ 206.1290, 4.3734,
-2.7441

■ 221.8000, -3.3524,
1.9294

■ 237.1830,
-10.9362, 7.7325

Harmonies

Analogous

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



94.1010, 63.5472, -82.5266



96.4100, 58.4649, -38.9476



104.5150, 36.2281, 46.9063

Triad

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



96.4100, 58.4649, -38.9476



94.0350, -46.3593, 76.2683



85.0540, 0.9594, -74.5924

Complementary

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



96.4100, 58.4649, -38.9476



170.5900, -58.4649, 38.9476

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.



75.0680, -27.1485, -65.8346



96.4100, 58.4649, -38.9476



98.7990, -48.7079, 36.1333

Square

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



96.4100, 58.4649, -38.9476



85.0160, -10.3609, 103.4720



93.2190, -45.9570, -6.3311



92.5950, 27.3147, -81.2058

Rectangle

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



96.4100, 58.4649, -38.9476



92.9560, 24.1787, 85.1076



93.2190, -45.9570, -6.3311



82.0730, -7.9240, -71.9780

Sweetspot

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



96.4100, 58.4649, -38.9476



212.1180, 21.1408, -14.1355



161.0190, 3.9346, -95.6097



101.3870, 13.1202, -8.2324



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.



96.4100, 58.4649, -38.9476



86.4290, 83.1055, -55.6272



81.0470, 66.0388, 5.2208



99.0150, 3.9366, -2.6442



46.4960, 61.3805, -40.7770



11.9460, 15.3096, -10.4766

Inverse Universe

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



105.7530, -4.8082, 95.8096



99.5500, -6.6801, 136.3296



185.9530, -66.0388, -5.2208



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 96.4100, 58.4649, -38.9476 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 96.4100, 58.4649, -38.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

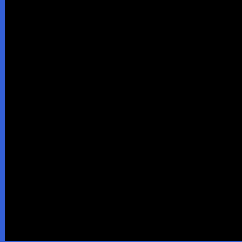
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4100, 58.4649, -38.9476

Background



This preview shows how black text looks on a background with the YUV color 96.4100, 58.4649, -38.9476.



This preview shows how white text looks on a background with the YUV color 96.4100, 58.4649,

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

96.4100, 58.4649, -38.9476

Protanopia

82.9820, 64.0989, -72.7752

Deuteranopia

83.1980, 49.6954, -72.9646



Tritanopia

81.5270, 20.4462, -71.4992

Trichromacy



Original Color

96.4100, 58.4649, -38.9476

Protanomaly

88.1900, 62.0243, -60.6796

Deuteranomaly

87.7850, 52.8570, -60.3244

Tritanomaly

86.8610, 34.0855, -59.5141

Monochromacy



Original Color

96.4100, 58.4649, -38.9476

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1180, 21.1408, -14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4100, 58.4649, -38.9476 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(52, 96, 215)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 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(52, 96, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 215) }
```

Border

The CSS property to change the border of an element to YUV 96.4100, 58.4649, -38.9476 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(52, 96, 215) }
```


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

```
.border{ border-color:rgb(52, 96, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 96, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 215);  
box-shadow:4px 4px 4px 4px rgb(52, 96,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 96.4100, 58.4649, -38.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 215) }
```

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

```
.background{ background-color: rgb(52, 96,  
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