

Converting Colors

YUV(96.8440, 43.4609,
-33.1892)

Have a look what the booklet for
YUV(96.8440, 43.4609, -33.1892)
contains.

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Color

**YUV(96.8440, 43.4609,
-33.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	3B63B9
RGB	59, 99, 185
RGB Percent	23%, 39%, 73%
CMY	0.7686, 0.6118, 0.2745
CMYK	0.68, 0.46, 0.00, 0.27
HSL	221°, 52%, 48%
HSV	221°, 68%, 73%
XYZ	15.0224, 13.3563, 47.6852
YIQ	96.8440, -51.4460, 18.2660

Conversions

Conversions Part 2

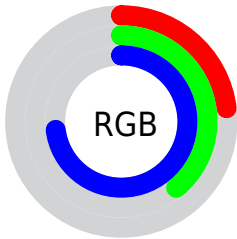
Format	Color
R_{YB}	59, 89, 185
Decimal	3892153
CIE _{Lab}	43.30, 14.75, -49.65
CIE _{LCh}	43, 51.794, 286.550
Yxy	13.3563, 0.1975, 0.1756
Android (android.graphics.Color)	4282082233 (0xFF3B63B9)
YUV	96.8440, 43.4609, -33.1892
Hunter-Lab	36.5462, 9.4170, -51.7787

Details

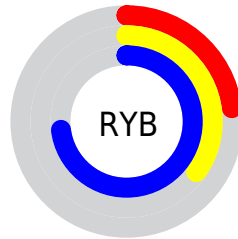
The YUV color **96.8440, 43.4609, -33.1892** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **147.1560, -43.4609, 33.1892**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9310, 44.8970, -27.1265**, and **46.0450, 41.8828, -40.3815** is the 20% darker color. If you saturate the color by 10%, you get **83.8310, 49.8763, -37.5628**, and if you desaturate by 10%, it is **110.1560, 36.8981, -28.2008**.

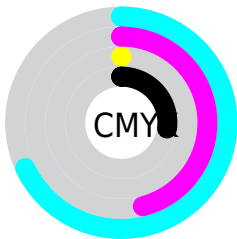
Distribution



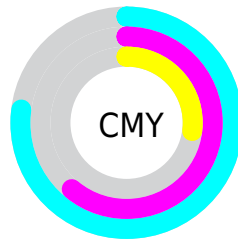
- Red (23%)
- Green (39%)
- Blue (73%)



- Red (23%)
- Yellow (35%)
- Blue (73%)



- Cyan (68%)
- Magenta (46%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (61%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8440, 43.4609, -33.1892 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 96.8440, 43.4609, -33.1892 by changing the saturation by 10% instead.

■ 96.8440, 43.4609,
-33.1892

■ 96.8440, 43.4609,
-33.1892

■ 255.0000, 0.0000,
0.0000

■ 67.1200, 44.8038,
-43.9552

■ 150.9310, 44.8970,
-27.1265

■ 46.0450, 41.8828,
-40.3815

■ 176.9330, 38.4870,
-24.4972

■ 31.3410, 36.3139,
-27.4861

■ 201.4530, 26.3987,
-20.5683

■ 15.6910, 32.1973,
-13.7610

■ 226.5600, 14.0209,
-17.1541

■ 9.4330, 23.4505,
-8.2727

■ 249.6180, 2.6533,
-11.0660

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 96.8440, 43.4609,
-33.1892

■ 96.8440, 43.4609,
-33.1892

■ 83.8310, 49.8763,
-37.5628

■ 110.1560, 36.8981,
-28.2008

■ 71.1060, 56.1497,
-43.0660

■ 122.5820, 30.7721,
-23.3124

■ 58.0930, 62.5652,
-47.4396

■ 135.8940, 24.2093,
-18.3240

■ 55.7230, 63.7336,
-48.8691

■ 148.9070, 17.7938,
-13.9504

■ 161.6320, 11.5204,
-8.4473

■ 174.6450, 5.1050,
-4.0737

■ 187.3700, -1.1684,
1.4295

■ 200.3830, -7.5838,
5.8031

■ 213.6950,
-14.1466, 10.7915

Harmonies

Analogous

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



87.5350, 48.5432, -76.7682



96.8440, 43.4609, -33.1892



105.4940, 27.8575, 24.9998

Triad

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



96.8440, 43.4609, -33.1892



98.6320, -28.4126, 59.9587



80.2610, 0.3643, -70.3889

Complementary

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



96.8440, 43.4609, -33.1892



147.1560, -43.4609, 33.1892

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.



86.7760, -24.0466, -34.0066



96.8440, 43.4609, -33.1892



96.4940, -46.0925, 37.2778

Square

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



96.8440, 43.4609, -33.1892



97.8610, -8.8055, 71.1589



93.0080, -45.8529, 7.0090



85.8640, 19.2940, -75.3027

Rectangle

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



96.8440, 43.4609, -33.1892



103.0860, 16.7196, 50.7906



93.0080, -45.8529, 7.0090



77.9640, -5.8983, -68.3744

Sweetspot

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



96.8440, 43.4609, -33.1892



206.2770, 16.6254, -12.5209



142.5380, 0.2278, -73.2628



99.5890, 10.0626, -7.5326



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



96.8440, 43.4609, -33.1892



102.4390, 67.8176, -52.1280



79.6430, 51.9410, 0.3131



85.7870, 3.0630, -2.4442



46.5470, 53.9603, -40.8217



8.4750, 9.6258, -7.4326

Inverse Universe

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



101.2340, -1.1014, 73.4628



109.0850, -1.5209, 114.8125



164.3570, -51.9410, -0.3131



86.0330, -0.0163, 5.2331



52.2300, -1.5924, 91.0063



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 96.8440, 43.4609, -33.1892 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 96.8440, 43.4609, -33.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

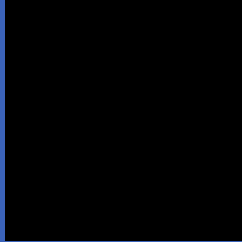
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8440, 43.4609, -33.1892

Background



This preview shows how black text looks on a background with the YUV color 96.8440, 43.4609, -33.1892.



This preview shows how white text looks on a background with the YUV color 96.8440, 43.4609,

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

96.8440, 43.4609, -33.1892

Protanopia

96.8440, 43.4609, -33.1892

Deuteranopia

83.2200, 49.6845, -69.4759



Tritanopia

80.2390, 20.5882, -70.3696

Trichromacy



Original Color

96.8440, 43.4609, -33.1892

Protanomaly

96.8440, 43.4609, -33.1892

Deuteranomaly

88.0260, 47.3152, -56.1508

Tritanomaly

86.2050, 28.9859, -57.1848

Monochromacy



Original Color

96.8440, 43.4609, -33.1892

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0490, 15.7518, -12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8440, 43.4609, -33.1892 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(59, 99, 185)` looks like.

```
.text, #text, p{  
    color:rgb(59, 99, 185)  
}
```

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(59, 99, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 99, 185) }
```

Border

The CSS property to change the border of an element to YUV 96.8440, 43.4609, -33.1892 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(59, 99, 185) }
```


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

```
.border{ border-color:rgb(59, 99, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 99, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 99, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 99, 185);  
box-shadow:4px 4px 4px 4px rgb(59, 99,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 96.8440, 43.4609, -33.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 99, 185) }
```

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

```
.background{ background-color: rgb(59, 99,  
185) }
```

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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