

Converting Colors

YUV(104.3270, 44.2088,
-39.7518)

Have a look what the booklet for
YUV(104.3270, 44.2088, -39.7518)
contains.

YUV(104.3270, 44.2088, -39.7518)	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(104.3270, 44.2088,
-39.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6EC2
RGB	59, 110, 194
RGB Percent	23%, 43%, 76%
CMY	0.7686, 0.5686, 0.2392
CMYK	0.70, 0.43, 0.00, 0.24
HSL	217°, 53%, 50%
HSV	217°, 70%, 76%
XYZ	17.1172, 15.9767, 53.2206
YIQ	104.3270, -57.3600, 15.3120

Conversions

Conversions Part 2

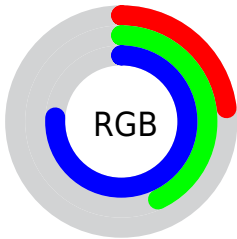
Format	Color
RYB	59, 96, 194
Decimal	3894978
CIELab	46.94, 11.05, -49.02
CIElCh	47, 50.250, 282.702
Yxy	15.9767, 0.1983, 0.1851
Android (android.graphics.Color)	4282085058 (0xFF3B6EC2)
YUV	104.3270, 44.2088, -39.7518
Hunter-Lab	39.9709, 6.4920, -50.9641

Details

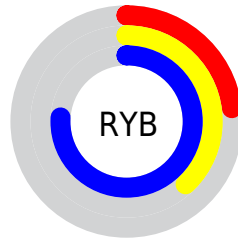
The YUV color **104.3270, 44.2088, -39.7518** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **148.6730, -44.2088, 39.7518**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3000, 45.2081, -33.5891**, and **52.9410, 42.9201, -46.4293** is the 20% darker color. If you saturate the color by 10%, you get **91.6020, 50.4822, -45.2550**, and if you desaturate by 10%, it is **117.0520, 37.9354, -34.2486**.

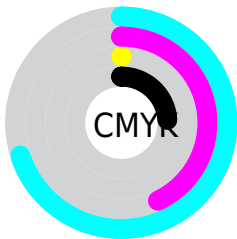
Distribution



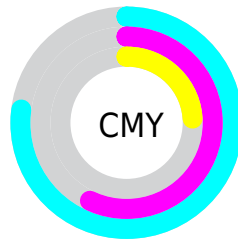
- Red (23%)
- Green (43%)
- Blue (76%)



- Red (23%)
- Yellow (38%)
- Blue (76%)



- Cyan (70%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



- Cyan (77%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3270, 44.2088, -39.7518 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 104.3270, 44.2088, -39.7518 by changing the saturation by 10% instead.

■ 104.3270, 44.2088,
-39.7518

■ 104.3270, 44.2088,
-39.7518

255.0000, 0.0000,
0.0000

■ 73.2930, 45.7046,
-52.8770

■ 159.3000, 45.2081,
-33.5891

■ 52.9410, 42.9201,
-46.4293

■ 184.2760, 34.8669,
-30.0601

■ 37.6500, 37.6405,
-33.0191

■ 209.6820, 22.3418,
-26.0311

■ 23.6470, 32.2190,
-20.7384

■ 234.7890, 9.9640,
-22.6170

■ 11.5190, 26.3661,
-10.1022

■ 250.2160, 2.3585,
-9.8364

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 104.3270, 44.2088,
-39.7518

■ 104.3270, 44.2088,
-39.7518

■ 91.6020, 50.4822,
-45.2550

■ 117.0520, 37.9354,
-34.2486

■ 78.5780, 56.9030,
-51.3729

■ 130.0760, 31.5145,
-28.1307

■ 65.8530, 63.1765,
-56.8761

■ 142.8010, 25.2411,
-22.6275

■ 64.9670, 63.6133,
-56.9761

■ 155.8250, 18.8203,
-16.5095

■ 168.5500, 12.5468,
-11.0064

■ 181.2750, 6.2734,
-5.5032

■ 194.2990, -0.1474,
0.6148

■ 207.6110, -6.7102,
5.6032

■ 220.6350,
-13.1311, 11.7211

Harmonies

Analogous

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



94.0890, 48.2701, -82.5161



104.3270, 44.2088, -39.7518



114.5040, 29.3315, 18.8520

Triad

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



104.3270, 44.2088, -39.7518



108.6260, -25.9446, 61.7180



86.0000, -0.4930, -75.4220

Complementary

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



104.3270, 44.2088, -39.7518



148.6730, -44.2088, 39.7518

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.



98.8370, -26.5416, -27.0440



104.3270, 44.2088, -39.7518



107.1830, -41.0092, 40.1815

Square

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



104.3270, 44.2088, -39.7518



108.7190, -6.7635, 69.5294



104.0130, -43.3904, 10.5126



91.6030, 18.4367, -80.3358

Rectangle

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



104.3270, 44.2088, -39.7518



113.5090, 18.4831, 45.1576



104.0130, -43.3904, 10.5126



83.2300, -6.0294, -72.9927

Sweetspot

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



104.3270, 44.2088, -39.7518



216.7820, 17.3625, -15.5948



147.7070, -2.8136, -77.7960



106.6920, 10.5048, -9.3769



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.



104.3270, 44.2088, -39.7518



111.7150, 69.1605, -62.8941



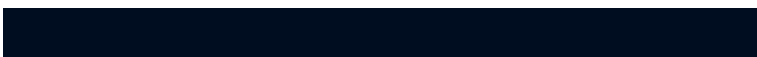
79.1740, 56.6092, -3.6606



90.4880, 3.2104, -3.0590



54.1610, 52.6716, -47.4992



11.3930, 10.6523, -9.9917

Inverse Universe

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



105.1790, 2.3768, 77.8960



112.6220, 4.1304, 122.2345



173.8260, -56.6092, 3.6606



90.4460, 0.2731, 5.7479



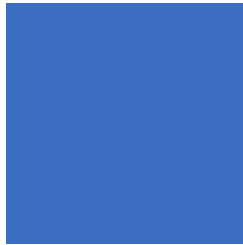
55.0930, 2.9122, 92.8804



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 104.3270, 44.2088, -39.7518 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 104.3270, 44.2088, -39.7518 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 104.3270, 44.2088, -39.7518

Background



This preview shows how black text looks on a background with the YUV color 104.3270, 44.2088, -39.7518.



This preview shows how white text looks on a background with the YUV color 104.3270, 44.2088, -39.7518.

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

104.3270, 44.2088, -39.7518

Protanopia

107.1110, 41.8503, -29.9153

Deuteranopia

100.3040, 45.6991, -51.1326



Tritanopia

87.3630, 22.4990, -76.6174

Trichromacy



Original Color

104.3270, 44.2088, -39.7518

Protanomaly

106.3170, 42.7347, -33.6040

Deuteranomaly

101.5110, 45.1041, -46.9291

Tritanomaly

93.2150, 30.4600, -63.3326

Monochromacy



Original Color

104.3270, 44.2088, -39.7518

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1520, 16.1941, -14.1653

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3270, 44.2088, -39.7518 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, 110, 194)` looks like.

```
.text, #text, p{  
    color:rgb(59, 110, 194)  
}
```

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, 110, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 110, 194) }
```

Border

The CSS property to change the border of an element to YUV 104.3270, 44.2088, -39.7518 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, 110, 194) }
```


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

```
.border{ border-color:rgb(59, 110, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 110, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 110, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 110, 194);  
box-shadow:4px 4px 4px 4px rgb(59, 110,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 104.3270, 44.2088, -39.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 110, 194) }
```

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

```
.background{ background-color: rgb(59, 110,  
194) }
```

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