

Converting Colors

YUV(119.6410, 41.0960,
-68.0912)

Have a look what the booklet for
YUV(119.6410, 41.0960, -68.0912)
contains.

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Color

**YUV(119.6410, 41.0960,
-68.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8FCB
RGB	42, 143, 203
RGB Percent	16%, 56%, 80%
CMY	0.8353, 0.4392, 0.2039
CMYK	0.79, 0.30, 0.00, 0.20
HSL	202°, 66%, 48%
HSV	202°, 79%, 80%
XYZ	21.5568, 24.4490, 60.0829
YIQ	119.6410, -79.4560, -2.7520

Conversions

Conversions Part 2

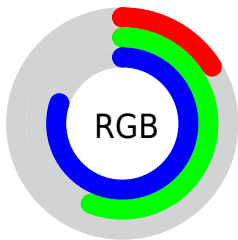
Format	Color
R_{YB}	42, 104, 203
Decimal	2789323
CIE _{Lab}	56.53, -7.73, -38.98
CIE _{LCh}	57, 39.743, 258.786
Yxy	24.4490, 0.2032, 0.2305
Android (android.graphics.Color)	4280979403 (0xFF2A8FCB)
YUV	119.6410, 41.0960, -68.0912
Hunter-Lab	49.4459, -8.7101, -37.4326

Details

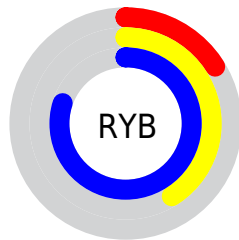
The YUV color **119.6410, 41.0960, -68.0912** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **125.3590, -41.0960, 68.0912**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1970, 37.8639, -58.0548**, and **71.5770, 38.1695, -62.7730** is the 20% darker color. If you saturate the color by 10%, you get **108.9650, 46.3593, -76.2683**, and if you desaturate by 10%, it is **130.3170, 35.8327, -59.9140**.

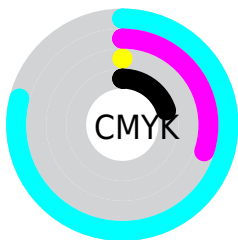
Distribution



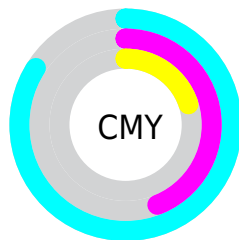
- Red (16%)
- Green (56%)
- Blue (80%)



- Red (16%)
- Yellow (41%)
- Blue (80%)



- Cyan (79%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6410, 41.0960, -68.0912 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 119.6410, 41.0960, -68.0912 by changing the saturation by 10% instead.

■ 119.6410, 41.0960,
-68.0912

■ 119.6410, 41.0960,
-68.0912

■ 255.0000, 0.0000,
0.0000

■ 89.2160, 42.2915,
-78.2424

■ 178.1970, 37.8639,
-58.0548

■ 71.5770, 38.1695,
-62.7730

■ 203.3150, 25.4807,
-52.8963

■ 54.9980, 33.0320,
-48.2332

■ 229.3080, 12.6662,
-49.3821

■ 39.2340, 28.4786,
-34.4082

■ 239.4520, 7.6652,
-31.9684

■ 24.7580, 23.7833,
-21.7128

■ 248.4220, 3.2430,
-13.5251

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 119.6410, 41.0960,
-68.0912

■ 119.6410, 41.0960,
-68.0912

■ 108.9650, 46.3593,
-76.2683

■ 130.3170, 35.8327,
-59.9140

■ 98.5770, 51.4805,
-85.5750

■ 140.7050, 30.7114,
-50.6073

■ 97.6910, 51.9173,
-85.6750

■ 151.3810, 25.4482,
-42.4301

■ 161.4700, 20.4743,
-33.7382

■ 172.4450, 15.0636,
-24.9463

■ 182.5340, 10.0897,
-16.2543

■ 193.2100, 4.8265,
-8.0772

■ 203.8860, -0.4368,
0.1000

■ 214.2740, -5.5581,
9.4067

Harmonies

Analogous

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



109.3680, 38.2726, -95.9157



119.6410, 41.0960, -68.0912



135.6800, 32.2028, -15.5054

Triad

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



119.6410, 41.0960, -68.0912



136.6050, -10.6513, 56.4744



125.4270, -17.9585, -26.6845

Complementary

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



119.6410, 41.0960, -68.0912



125.3590, -41.0960, 68.0912

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.



130.2970, -30.7124, 4.1245



119.6410, 41.0960, -68.0912



135.7770, -25.0331, 49.3076

Square

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



119.6410, 41.0960, -68.0912



139.0890, 5.3791, 48.1569



133.5930, -32.8303, 30.1749



114.9670, 2.9743, -67.5001

Rectangle

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



119.6410, 41.0960, -68.0912



139.3090, 24.9907, 11.1300



133.5930, -32.8303, 30.1749



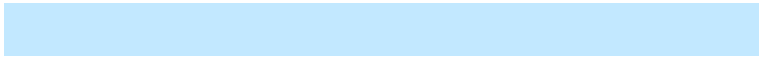
127.7120, -23.5220, -15.5334

Sweetspot

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



119.6410, 41.0960, -68.0912



223.2600, 15.6478, -25.6610



143.2330, -20.8209, -88.7813



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



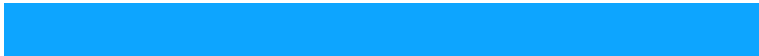
128.0000, 0.0000, 0.0000

Same Dimension

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



119.6410, 41.0960, -68.0912



129.8120, 61.7177, -102.4441



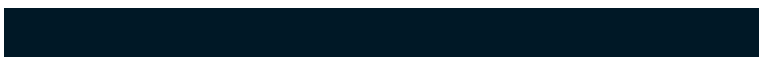
72.6810, 64.2473, -26.9072



96.6620, 2.6316, -4.0886



79.9720, 42.4118, -70.1354



18.4200, 9.6529, -16.1543

Inverse Universe

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



101.6530, 20.3841, 88.8813



102.6860, 30.7208, 133.5794



172.3190, -64.2473, 26.9072



95.6740, 1.1467, 5.5479



61.4900, 20.9574, 91.6553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 119.6410, 41.0960, -68.0912 looks on a white 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

Black Background



This preview shows how the YUV color 119.6410, 41.0960, -68.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

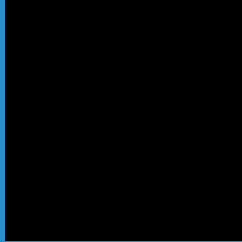
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.6410, 41.0960, -68.0912

Background



This preview shows how black text looks on a background with the YUV color 119.6410, 41.0960, -68.0912.

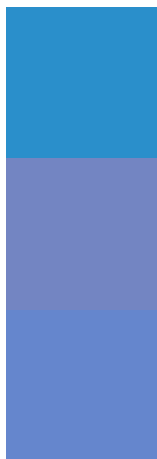


This preview shows how white text looks on a background with the YUV color 119.6410, 41.0960, -68.0912.

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

119.6410, 41.0960, -68.0912

Protanopia

134.5720, 29.2980, -17.1646

Deuteranopia

132.2270, 35.8771, -27.3861



Tritanopia

106.4040, 26.9158, -93.3163

Trichromacy



Original Color

119.6410, 41.0960, -68.0912

Protanomaly

129.1890, 33.4308, -36.1228

Deuteranomaly

127.5950, 37.6677, -41.7408

Tritanomaly

110.8380, 32.1249, -84.0499

Monochromacy



Original Color

119.6410, 41.0960, -68.0912

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7440, 14.9162, -24.3315

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6410, 41.0960, -68.0912 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(42, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(42, 143, 203)  
}
```

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(42, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 143, 203) }
```

Border

The CSS property to change the border of an element to YUV 119.6410, 41.0960, -68.0912 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(42, 143, 203) }
```


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

```
.border{ border-color:rgb(42, 143, 203) }
```

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

Here you see how a box with a 4 pixel rgb(42, 143, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(42, 143,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 119.6410, 41.0960, -68.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 143, 203) }
```

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

```
.background{ background-color: rgb(42, 143,  
203) }
```

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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