

Converting Colors

YUV(43.1640, 92.1101, -3.6518)

Have a look what the booklet for
YUV(43.1640, 92.1101, -3.6518)
contains.

| | |
|--|----|
| YUV(43.1640, 92.1101, -3.6518) | 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(43.1640, 92.1101,
-3.6518)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2709E6 |
| RGB | 39, 9, 230 |
| RGB Percent | 15%, 4%, 90% |
| CMY | 0.8471, 0.9647, 0.0980 |
| CMYK | 0.83, 0.96, 0.00, 0.10 |
| HSL | 248°, 92%, 47% |
| HSV | 248°, 96%, 90% |
| XYZ | 15.2173, 6.3399, 75.2846 |
| YIQ | 43.1640, -53.0610, 75.0910 |

Conversions

Conversions Part 2

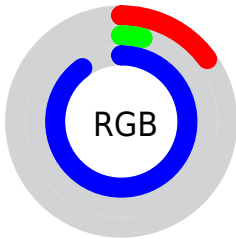
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 39, 9, 230 |
| Decimal | 2558438 |
| CIE Lab | 30.25, 72.13, -97.10 |
| CIE LCh | 30, 120.962, 306.605 |
| Yxy | 6.3399, 0.1571, 0.0655 |
| Android (android.graphics.Color) | 4280748518 (0xFF2709E6) |
| YUV | 43.1640, 92.1101, -3.6518 |
| Hunter-Lab | 25.1791, 63.8152, -159.6494 |

Details

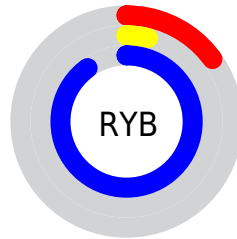
The YUV color **43.1640, 92.1101, -3.6518** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **195.8360, -92.1101, 3.6518**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4100, 72.2689, 13.6724**, and **19.7220, 75.5661, -17.2962** is the 20% darker color. If you saturate the color by 10%, you get **35.4890, 95.8939, -3.9369**, and if you desaturate by 10%, it is **62.6450, 82.5060, -3.1967**.

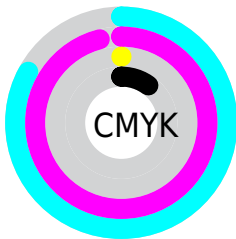
Distribution



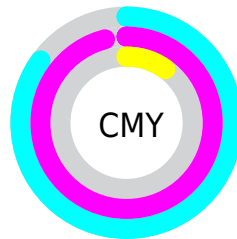
- Red (15%)
- Green (4%)
- Blue (90%)



- Red (15%)
- Yellow (4%)
- Blue (90%)



- Cyan (83%)
- Magenta (96%)
- Yellow (0%)
- Black (10%)



- Cyan (85%)
- Magenta (96%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.1640, 92.1101, -3.6518 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 43.1640, 92.1101, -3.6518 by changing the saturation by 10% instead.

■ 43.1640, 92.1101,
-3.6518

■ 43.1640, 92.1101,
-3.6518

■ 255.0000, 0.0000,
0.0000

■ 22.9140, 87.7964,
-20.0956

■ 108.4100, 72.2689,
13.6724

■ 19.7220, 75.5661,
-17.2962

■ 134.1260, 59.5909,
20.0605

■ 16.5300, 63.3357,
-14.4968

■ 160.4290, 46.6235,
25.9338

■ 13.4520, 51.5422,
-11.7974

■ 185.8460, 34.0929,
31.7071

■ 18.7060, 36.1339,
-16.4052

■ 211.8500, 21.2730,
36.9656


■ 11.7470, 27.2397,
-10.3021


■ 229.1720, 12.7332,


■ 6.7770, 18.3509,


22.6512


-5.9434


 246.1950, 4.3409,
7.7220


 3.2090, 9.7570,
-2.8143


 0.0000, 0.0000,
0.0000

 43.1640, 92.1101,
-3.6518


 43.1640, 92.1101,
-3.6518

 35.4890, 95.8939,
-3.9369

 62.6450, 82.5060,
-3.1967

 82.1260, 72.9019,
-2.7415

 101.6070, 63.2977,
-2.2863

 121.0880, 53.6936,
-1.8312

■ 140.2700, 44.2369,
-1.9908

■ 159.7510, 34.6328,
-1.5356

■ 179.2320, 25.0286,
-1.0805

■ 198.7130, 15.4245,
-0.6253

■ 218.1940, 5.8204,
-0.1701

Harmonies

Analogous

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



79.5520, 86.4959, -69.7671



43.1640, 92.1101, -3.6518



72.8990, 37.5178, 100.0666

Triad

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



43.1640, 92.1101, -3.6518



55.0840, -27.1564, 77.1023



67.9000, 11.3883, -59.5483

Complementary

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



43.1640, 92.1101, -3.6518



195.8360, -92.1101, 3.6518

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.



55.7650, -27.4921, -48.9059



43.1640, 92.1101, -3.6518



65.2430, -32.1648, 3.2949

Square

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



43.1640, 92.1101, -3.6518



58.3050, -28.7444, 119.8815



53.4170, -26.3346, -46.8467



80.4910, 52.0159, -70.5906

Rectangle

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



43.1640, 92.1101, -3.6518



73.6050, 6.6037, 122.2494



53.4170, -26.3346, -46.8467



63.5510, -2.7366, -55.7342

Sweetspot

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



43.1640, 92.1101, -3.6518



192.4260, 30.8490, -1.2506



146.8980, 40.9693, -120.9365



89.9240, 18.7715, -0.8103



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.



43.1640, 92.1101, -3.6518



39.5350, 106.2242, -3.9772



76.0540, 75.8954, 63.9736



104.9660, 4.9468, 0.0298



27.5820, 74.6491, -3.1414



7.9070, 21.2448, -0.7954

Inverse Universe

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



96.8530, 50.8515, 116.7699



101.3250, 58.5068, 134.7730



162.9460, -75.8954, -63.9736



107.7280, 2.5991, 6.3775



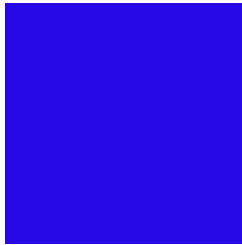
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 43.1640, 92.1101, -3.6518 looks on a white background.

Color Contrast Check

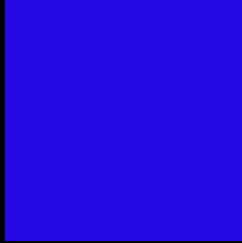
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 43.1640, 92.1101, -3.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 43.1640, 92.1101, -3.6518

Background



This preview shows how black text looks on a background with the YUV color 43.1640, 92.1101, -3.6518.



This preview shows how white text looks on a background with the YUV color 43.1640, 92.1101, -3.6518.

-3.6518.

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

43.1640, 92.1101, -3.6518

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4600, 32.3112, -50.3924



Tritanopia

56.4220, 13.1030, -49.4821

Trichromacy



Original Color

43.1640, 92.1101, -3.6518

Protanomaly

51.8390, 61.2114, -33.1848

Deuteranomaly

52.0040, 54.2280, -33.3295

Tritanomaly

51.3880, 41.7137, -32.7893

Monochromacy



Original Color

43.1640, 92.1101, -3.6518

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.4090, 33.3224, -1.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.1640, 92.1101, -3.6518 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(39, 9, 230)` looks like.

```
.text, #text, p{  
    color:rgb(39, 9, 230)  
}
```

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(39, 9, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 9, 230) }
```

Border

The CSS property to change the border of an element to YUV 43.1640, 92.1101, -3.6518 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(39, 9, 230) }
```


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

```
.border{ border-color:rgb(39, 9, 230) }
```

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

Here you see how a box with a 4 pixel rgb(39, 9, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 9, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 9, 230);  
box-shadow:4px 4px 4px 4px rgb(39, 9, 230)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.1640, 92.1101, -3.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 9, 230) }
```

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

```
.background{ background-color: rgb(39, 9,  
230) }
```

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