

Converting Colors

YUV(113.0640, 39.9014,
-11.4571)

Have a look what the booklet for
YUV(113.0640, 39.9014, -11.4571)
contains.

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Color

**YUV(113.0640, 39.9014,
-11.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	6468C2
RGB	100, 104, 194
RGB Percent	39%, 41%, 76%
CMY	0.6078, 0.5922, 0.2392
CMYK	0.48, 0.46, 0.00, 0.24
HSL	237°, 44%, 58%
HSV	237°, 48%, 76%
XYZ	19.9434, 16.5050, 53.1736
YIQ	113.0640, -31.2740, 27.1420

Conversions

Conversions Part 2

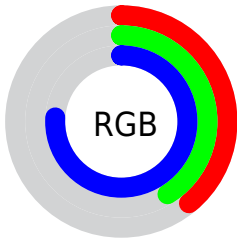
Format	Color
R _Y B	100, 104, 194
Decimal	6580418
CIE Lab	47.63, 22.85, -47.79
CIE LCh	48, 52.971, 295.550
Yxy	16.5050, 0.2225, 0.1842
Android (android.graphics.Color)	4284770498 (0xFF6468C2)
YUV	113.0640, 39.9014, -11.4571
Hunter-Lab	40.6263, 16.5295, -49.1630

Details

The YUV color **113.0640, 39.9014, -11.4571** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **180.9360, -39.9014, 11.4571**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2430, 41.7852, -8.9831**, and **61.9770, 38.4653, -17.5198** is the 20% darker color. If you saturate the color by 10%, you get **96.2300, 48.2006, -13.3567**, and if you desaturate by 10%, it is **129.8980, 31.6023, -9.5575**.

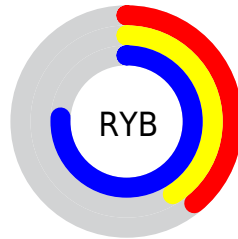
Distribution



Red (39%)

Green (41%)

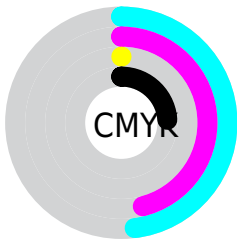
Blue (76%)



Red (39%)

Yellow (41%)

Blue (76%)

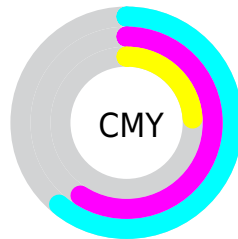


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (59%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0640, 39.9014, -11.4571 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 113.0640, 39.9014, -11.4571 by changing the saturation by 10% instead.

■ 113.0640, 39.9014,
-11.4571

■ 113.0640, 39.9014,
-11.4571

255.0000, 0.0000,
0.0000

■ 87.4120, 38.7439,
-13.5163

■ 166.2430, 41.7852,
-8.9831

■ 61.9770, 38.4653,
-17.5198

■ 190.9200, 31.5914,
-6.0688

■ 34.1280, 39.3769,
-29.9303

■ 215.4400, 19.5031,
-2.1399

■ 20.1250, 33.9554,
-17.6496

■ 241.4330, 6.6885,
1.3743

■ 7.4100, 28.3919,
-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 113.0640, 39.9014,
-11.4571

■ 113.0640, 39.9014,
-11.4571

■ 96.2300, 48.2006,
-13.3567

■ 129.8980, 31.6023,
-9.5575

■ 79.6840, 56.3578,
-16.3859

■ 146.4440, 23.4451,
-6.5284

■ 62.8500, 64.6570,
-18.2854

■ 163.2780, 15.1459,
-4.6288

■ 46.3040, 72.8141,
-21.3146

■ 179.8240, 6.9888,
-1.5996

■ 29.4700, 81.1133,
-23.2142

■ 196.6580, -1.3104,
0.2999

■ 26.8120, 82.4237,
-23.5141

■ 212.9050, -9.3202,
2.7143

■ 230.0380,
-17.7667, 5.2287

■ 246.8720,
-26.0659, 7.1283

■ 248.0460,
-26.6447, 6.0987

Harmonies

Analogous

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



93.4680, 53.5063, -81.9714



113.0640, 39.9014, -11.4571



115.8440, 23.7409, 38.7248

Triad

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



113.0640, 39.9014, -11.4571



109.7750, -35.3851, 56.3253



90.0410, 7.3748, -78.9660

Complementary

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



113.0640, 39.9014, -11.4571



180.9360, -39.9014, 11.4571

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.



92.4190, -15.9826, -53.8645



113.0640, 39.9014, -11.4571



106.8260, -49.7072, 29.9706

Square

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



113.0640, 39.9014, -11.4571



109.0370, -15.7942, 72.7586



103.1960, -41.0156, -4.5569



95.7580, 26.7413, -83.9798

Rectangle

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



113.0640, 39.9014, -11.4571



112.7730, 11.4509, 60.7121



103.1960, -41.0156, -4.5569



88.2170, 0.3860, -77.3663

Sweetspot

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



113.0640, 39.9014, -11.4571



219.8050, 15.8721, -4.2140



165.3240, 11.6723, -57.2891



108.2090, 9.7570, -2.8143



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.



113.0640, 39.9014, -11.4571



126.1660, 62.0362, -17.6856



123.2740, 34.8679, 16.4227



88.7270, 4.0786, -1.5146



22.4630, 68.2987, -19.7001



4.3490, 14.1249, -3.8141

Inverse Universe

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



128.5620, -12.1091, 57.3891



150.3380, -18.9006, 89.1576



170.7260, -34.8679, -16.4227



90.1040, -1.0373, 6.0478



48.9370, -20.6749, 98.2793



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 113.0640, 39.9014, -11.4571 looks on a white background.

Color Contrast Check

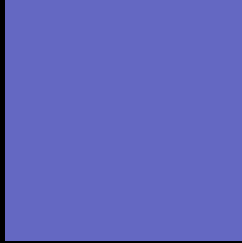
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0640, 39.9014, -11.4571 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 113.0640, 39.9014, -11.4571 Background



This preview shows how black text looks on a background with the YUV color 113.0640, 39.9014, -11.4571.



This preview shows how white text looks on a background with the YUV color 113.0640, 39.9014, -11.4571.

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

113.0640, 39.9014, -11.4571

Protanopia

108.5990, 45.0607, -32.9743

Deuteranopia

105.2510, 42.7673, -44.0701



Tritanopia

108.7780, 9.9694, -24.3613

Trichromacy



Original Color

113.0640, 39.9014, -11.4571

Protanomaly

110.4860, 43.1444, -24.9822

Deuteranomaly

107.8010, 42.0031, -32.2745

Tritanomaly

110.6720, 20.8677, -19.8833

Monochromacy



Original Color

113.0640, 39.9014, -11.4571

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0500, 14.2724, -4.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0640, 39.9014, -11.4571 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(100, 104, 194)` looks like.

```
.text, #text, p{  
    color:rgb(100, 104, 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(100, 104, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 104, 194) }
```

Border

The CSS property to change the border of an element to YUV 113.0640, 39.9014, -11.4571 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(100, 104, 194) }
```


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

```
.border{ border-color:rgb(100, 104, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 104, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 104, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 104, 194);  
box-shadow:4px 4px 4px 4px rgb(100, 104,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 113.0640, 39.9014, -11.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 104, 194) }
```

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

```
.background{ background-color: rgb(100,  
104, 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](#).

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