

Converting Colors

YUV(114.7740, 39.5514,
-39.2668)

Have a look what the booklet for
YUV(114.7740, 39.5514, -39.2668)
contains.

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Color

**YUV(114.7740, 39.5514,
-39.2668)**

Conversions

Conversions Part 1

Format	Color
Hex	467AC3
RGB	70, 122, 195
RGB Percent	27%, 48%, 76%
CMY	0.7255, 0.5216, 0.2353
CMYK	0.64, 0.37, 0.00, 0.24
HSL	215°, 51%, 52%
HSV	215°, 64%, 76%
XYZ	19.3356, 19.1613, 54.3092
YIQ	114.7740, -54.4250, 11.6790

Conversions

Conversions Part 2

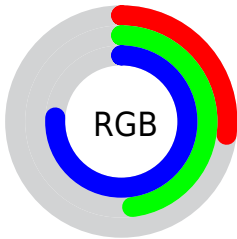
Format	Color
R_{YB}	70, 107, 195
Decimal	4618947
CIE _{Lab}	50.88, 5.81, -43.31
CIE _{LCh}	51, 43.697, 277.640
Yxy	19.1613, 0.2083, 0.2065
Android (android.graphics.Color)	4282809027 (0xFF467AC3)
YUV	114.7740, 39.5514, -39.2668
Hunter-Lab	43.7736, 2.2431, -42.9185

Details

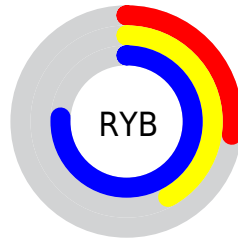
The YUV color **114.7740, 39.5514, -39.2668** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **150.2260, -39.5514, 39.2668**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4370, 40.7036, -35.4632**, and **59.5120, 40.1736, -52.1920** is the 20% darker color. If you saturate the color by 10%, you get **102.3370, 45.6829, -45.8995**, and if you desaturate by 10%, it is **127.2110, 33.4200, -32.6340**.

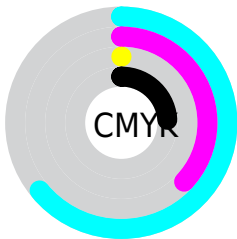
Distribution



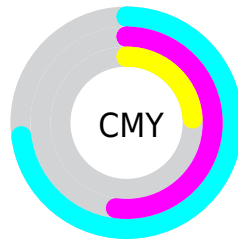
- Red (27%)
- Green (48%)
- Blue (76%)



- Red (27%)
- Yellow (42%)
- Blue (76%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7740, 39.5514, -39.2668 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 114.7740, 39.5514, -39.2668 by changing the saturation by 10% instead.

■ 114.7740, 39.5514,
-39.2668

■ 114.7740, 39.5514,
-39.2668

255.0000, 0.0000,
0.0000

■ 86.5560, 40.1519,
-45.2146

■ 169.4370, 40.7036,
-35.4632

■ 59.5120, 40.1736,
-52.1920

■ 194.2990, 29.9256,
-31.8342

■ 43.6340, 35.1834,
-38.2670

■ 219.4060, 17.5478,
-28.4201

■ 29.0440, 30.0513,
-25.4716

■ 243.6380, 5.6015,
-23.3615

■ 11.0460, 27.0923,
-9.6873

■ 252.6080, 1.1793,
-4.9182

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 114.7740, 39.5514,
-39.2668

■ 114.7740, 39.5514,
-39.2668

■ 102.3370, 45.6829,
-45.8995

■ 127.2110, 33.4200,
-32.6340

■ 89.6120, 51.9563,
-51.4027

■ 139.9360, 27.1466,
-27.1309

■ 77.4740, 57.9403,
-57.4207

■ 152.3730, 21.0151,
-20.4981

■ 69.7770, 61.7349,
-61.1944

■ 165.0980, 14.7417,
-14.9949

■ 177.5350, 8.6102,
-8.3622

■ 189.6730, 2.6262,
-2.3442

■ 202.6970, -3.7946,
3.7737

■ 214.8350, -9.7787,
9.7917

■ 226.9730,
-15.7627, 15.8097

Harmonies

Analogous

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



99.7310, 44.5026, -87.4641



114.7740, 39.5514, -39.2668



123.9930, 27.6115, 10.5301

Triad

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



114.7740, 39.5514, -39.2668



119.9720, -20.6922, 57.0296



101.2470, -5.0518, -59.8526

Complementary

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



114.7740, 39.5514, -39.2668



150.2260, -39.5514, 39.2668

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.



112.3160, -26.2848, -16.0631



114.7740, 39.5514, -39.2668



119.1320, -33.5891, 40.2262

Square

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



114.7740, 39.5514, -39.2668



121.3480, -4.1156, 60.2078



116.2830, -36.1285, 14.6608



97.0000, 16.2690, -85.0690

Rectangle

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



114.7740, 39.5514, -39.2668



125.0300, 18.2262, 34.1767



116.2830, -36.1285, 14.6608



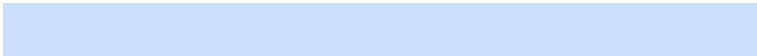
106.5930, -13.1103, -41.7391

Sweetspot

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



114.7740, 39.5514, -39.2668



221.2120, 15.1785, -15.0949



151.6970, -4.2876, -71.6483



108.4640, 9.6312, -9.1769



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.



114.7740, 39.5514, -39.2668



127.6630, 61.2981, -61.0945



87.2400, 53.1257, -6.3495



90.4880, 3.2104, -3.0590



57.6830, 50.9353, -50.5880



11.9800, 10.3629, -10.5065

Inverse Universe

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



113.3030, 4.2876, 71.6483



125.2400, 6.7837, 111.1685



177.7600, -53.1257, 6.3495



90.4460, 0.2731, 5.7479



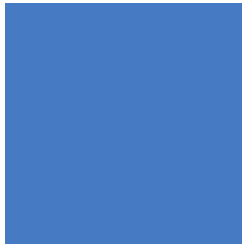
55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 114.7740, 39.5514, -39.2668 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 114.7740, 39.5514, -39.2668 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 114.7740, 39.5514, -39.2668

Background



This preview shows how black text looks on a background with the YUV color 114.7740, 39.5514, -39.2668.



This preview shows how white text looks on a background with the YUV color 114.7740, 39.5514, -39.2668.

-39.2668.

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

114.7740, 39.5514, -39.2668

Protanopia

118.9610, 36.0082, -22.7678

Deuteranopia

115.9810, 38.9564, -35.0633



Tritanopia

106.6320, 17.9294, -57.5593

Trichromacy



Original Color

114.7740, 39.5514, -39.2668

Protanomaly

117.2700, 37.3349, -28.3008

Deuteranomaly

115.3830, 39.2512, -36.2929

Tritanomaly

109.7390, 25.7647, -50.6371

Monochromacy



Original Color

114.7740, 39.5514, -39.2668

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2830, 14.1575, -14.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7740, 39.5514, -39.2668 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(70, 122, 195)` looks like.

```
.text, #text, p{  
    color:rgb(70, 122, 195)  
}
```

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(70, 122, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 122, 195) }
```

Border

The CSS property to change the border of an element to YUV 114.7740, 39.5514, -39.2668 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(70, 122, 195) }
```


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

```
.border{ border-color:rgb(70, 122, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 122, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 122, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 122, 195);  
box-shadow:4px 4px 4px 4px rgb(70, 122,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 114.7740, 39.5514, -39.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 122, 195) }
```

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

```
.background{ background-color: rgb(70, 122,  
195) }
```

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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