

Converting Colors

YUV(114.2350, 43.7611,
-36.1631)

Have a look what the booklet for
YUV(114.2350, 43.7611, -36.1631)
contains.

YUV(114.2350, 43.7611, -36.1631)	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(114.2350, 43.7611,
-36.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	4976CB
RGB	73, 118, 203
RGB Percent	29%, 46%, 80%
CMY	0.7137, 0.5373, 0.2039
CMYK	0.64, 0.42, 0.00, 0.20
HSL	219°, 56%, 54%
HSV	219°, 64%, 80%
XYZ	20.0056, 18.6851, 59.0521
YIQ	114.2350, -54.1050, 16.8950

Conversions

Conversions Part 2

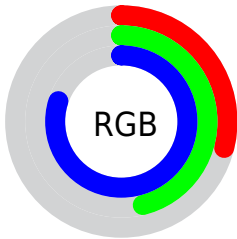
Format	Color
R _Y B	73, 106, 203
Decimal	4814539
CIE Lab	50.32, 11.57, -48.76
CIE LCh	50, 50.116, 283.353
Yxy	18.6851, 0.2047, 0.1912
Android (android.graphics.Color)	4283004619 (0xFF4976CB)
YUV	114.2350, 43.7611, -36.1631
Hunter-Lab	43.2263, 6.9656, -50.7385

Details

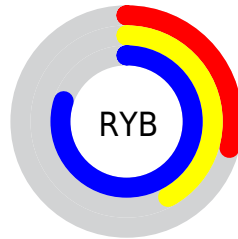
The YUV color **114.2350, 43.7611, -36.1631** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **161.7650, -43.7611, 36.1631**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6270, 42.5819, -31.2449**, and **57.9620, 44.3887, -50.8327** is the 20% darker color. If you saturate the color by 10%, you get **100.6240, 50.4714, -41.7662**, and if you desaturate by 10%, it is **127.8460, 37.0509, -30.5599**.

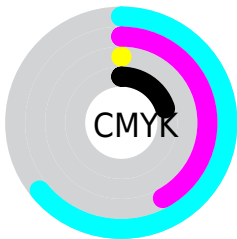
Distribution



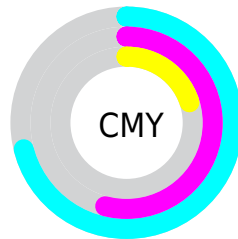
- Red (29%)
- Green (46%)
- Blue (80%)



- Red (29%)
- Yellow (42%)
- Blue (80%)



- Cyan (64%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2350, 43.7611, -36.1631 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 114.2350, 43.7611, -36.1631 by changing the saturation by 10% instead.

■ 114.2350, 43.7611,
-36.1631

■ 114.2350, 43.7611,
-36.1631

■ 255.0000, 0.0000,
0.0000

■ 86.1910, 43.7828,
-43.1405

■ 168.6270, 42.5819,
-31.2449

■ 57.9620, 44.3887,
-50.8327

■ 193.1470, 30.4935,
-27.3159

■ 42.6710, 39.1092,
-37.4225

■ 218.2540, 18.1158,
-23.9018

■ 28.0810, 33.9771,
-24.6270

■ 243.6600, 5.5906,
-19.8728

■ 8.7950, 31.1601,
-7.7132

■ 253.8040, 0.5896,
-2.4591

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 114.2350, 43.7611,
-36.1631

■ 114.2350, 43.7611,
-36.1631

■ 100.6240, 50.4714,
-41.7662

■ 127.8460, 37.0509,
-30.5599

■ 86.1270, 57.6184,
-47.4694

■ 142.3430, 29.9039,
-24.8568

■ 72.5160, 64.3286,
-53.0725

■ 155.9540, 23.1937,
-19.2537

■ 64.2320, 68.4126,
-56.3315

■ 169.5650, 16.4835,
-13.6505

■ 183.4750, 9.6258,
-7.4326

■ 197.6730, 2.6262,
-2.3442

■ 211.2840, -4.0840,
3.2589

■ 224.8950,
-10.7942, 8.8621

■ 238.5060,
-17.5045, 14.4652

Harmonies

Analogous

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



99.8110, 49.8862, -87.5342



114.2350, 43.7611, -36.1631



123.1020, 29.0367, 20.0815

Triad

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



114.2350, 43.7611, -36.1631



117.3980, -26.8182, 61.9180



92.3090, 0.8337, -80.9550

Complementary

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



114.2350, 43.7611, -36.1631



161.7650, -43.7611, 36.1631

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.



106.9510, -26.1048, -27.1440



114.2350, 43.7611, -36.1631



116.1830, -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.



114.2350, 43.7611, -36.1631



117.7900, -7.7845, 70.3442



112.9420, -42.3694, 9.6979



97.9120, 19.7634, -85.8688

Rectangle

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



114.2350, 43.7611, -36.1631



122.1070, 18.1882, 46.3872



112.9420, -42.3694, 9.6979



94.3230, -7.0612, -68.6893

Sweetspot

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



114.2350, 43.7611, -36.1631



221.8640, 16.3360, -13.0357



158.8860, -0.9298, -75.3220



107.2900, 10.2100, -8.1473



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.



114.2350, 43.7611, -36.1631



121.2600, 65.9338, -54.6020



93.8000, 53.8356, -0.7016



94.9010, 3.4998, -2.5442



52.3830, 56.0132, -45.9399



11.9630, 12.8362, -10.4916

Inverse Universe

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



117.0000, 0.4930, 75.4220



125.3560, 0.8105, 113.6978



182.4990, -53.9830, 1.3164



95.3320, -0.1637, 5.8478



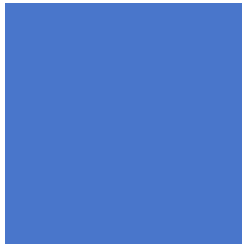
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 114.2350, 43.7611, -36.1631 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 114.2350, 43.7611, -36.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

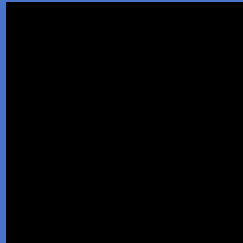
Any Text WCAG AA ✓ Pass

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 114.2350, 43.7611, -36.1631 Background



This preview shows how black text looks on a background with the YUV color 114.2350, 43.7611, -36.1631.



This preview shows how white text looks on a background with the YUV color 114.2350, 43.7611, -36.1631.

-36.1631.

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

114.2350, 43.7611, -36.1631

Protanopia

115.8230, 41.9923, -28.7858

Deuteranopia

111.1090, 44.8093, -45.6996



Tritanopia

104.4470, 18.5136, -58.2740

Trichromacy



Original Color

114.2350, 43.7611, -36.1631

Protanomaly

115.3280, 42.7293, -31.8597

Deuteranomaly

112.0170, 44.3616, -42.1109

Tritanomaly

107.9070, 27.6538, -49.9074

Monochromacy



Original Color

114.2350, 43.7611, -36.1631

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7500, 15.8993, -12.9358

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2350, 43.7611, -36.1631 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(73, 118, 203)` looks like.

```
.text, #text, p{  
    color:rgb(73, 118, 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(73, 118, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 118, 203) }
```

Border

The CSS property to change the border of an element to YUV 114.2350, 43.7611, -36.1631 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(73, 118, 203) }
```


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

```
.border{ border-color:rgb(73, 118, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 118, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 118, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 118, 203);  
box-shadow:4px 4px 4px 4px rgb(73, 118,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 114.2350, 43.7611, -36.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 118, 203) }
```

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

```
.background{ background-color: rgb(73, 118,  
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](#).

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