

Converting Colors

YUV(59.4720, 37.7283,
-14.4459)

Have a look what the booklet for
YUV(59.4720, 37.7283, -14.4459)
contains.

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Color

**YUV(59.4720, 37.7283,
-14.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3588
RGB	43, 53, 136
RGB Percent	17%, 21%, 53%
CMY	0.8314, 0.7922, 0.4667
CMYK	0.68, 0.61, 0.00, 0.47
HSL	234°, 52%, 35%
HSV	234°, 68%, 53%
XYZ	6.7133, 4.8374, 23.8724
YIQ	59.4720, -32.6030, 23.6930

Conversions

Conversions Part 2

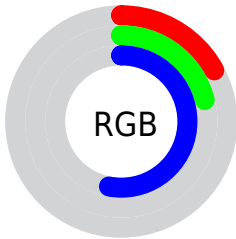
Format	Color
R _Y B	43, 52, 136
Decimal	2831752
CIE Lab	26.27, 24.50, -47.73
CIE LCh	26, 53.647, 297.173
Yxy	4.8374, 0.1895, 0.1366
Android (android.graphics.Color)	4281021832 (0xFF2B3588)
YUV	59.4720, 37.7283, -14.4459
Hunter-Lab	21.9940, 15.9945, -48.9579

Details

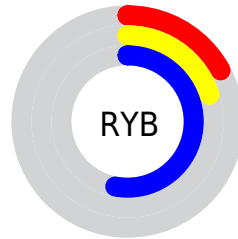
The YUV color **59.4720, 37.7283, -14.4459** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **119.5280, -37.7283, 14.4459**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6730, 39.6012, -8.4832**, and **16.7340, 33.6551, -14.6757** is the 20% darker color. If you saturate the color by 10%, you get **48.2420, 43.2647, -16.8752**, and if you desaturate by 10%, it is **70.7020, 32.1919, -12.0167**.

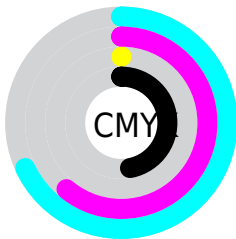
Distribution



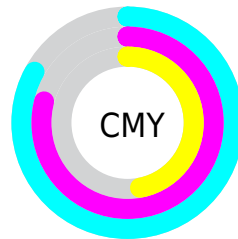
- Red (17%)
- Green (21%)
- Blue (53%)



- Red (17%)
- Yellow (20%)
- Blue (53%)



- Cyan (68%)
- Magenta (61%)
- Yellow (0%)
- Black (47%)



- Cyan (83%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.4720, 37.7283, -14.4459 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 59.4720, 37.7283, -14.4459 by changing the saturation by 10% instead.

■ 59.4720, 37.7283,
-14.4459

■ 59.4720, 37.7283,
-14.4459

■ 255.0000, 0.0000,
0.0000

■ 31.3240, 38.7873,
-27.4711

■ 109.6730, 39.6012,
-8.4832

■ 16.7340, 33.6551,
-14.6757

■ 135.9120, 40.4694,
-6.9388

■ 6.9540, 26.6447,
-6.0987

■ 162.8520, 41.4850,
-6.0092

■ 6.0930, 15.7302,
-5.3436

■ 187.9850, 33.0384,
-3.4948

■ 2.4110, 6.6994,
-2.1144

■ 212.5050, 20.9500,
0.4341

■ 0.0000, 0.0000,
0.0000

■ 238.1990, 8.2829,

3.3335

■ 59.4720, 37.7283,
-14.4459

■ 59.4720, 37.7283,
-14.4459

■ 48.2420, 43.2647,
-16.8752

■ 70.7020, 32.1919,
-12.0167

■ 37.3110, 48.6537,
-18.6897

■ 81.6330, 26.8029,
-10.2021

■ 26.0810, 54.1901,
-21.1190

■ 92.8630, 21.2665,
-7.7729

■ 24.3090, 55.0637,
-21.3190

■ 104.3810, 15.5882,
-6.4731

■ 115.6110, 10.0518,
-4.0438

■ 126.8410, 4.5154,
-1.6146

■ 137.7720, -0.8736,
0.2000

■ 149.0020, -6.4100,
2.6292

■ 159.9330,
-11.7990, 4.4438

Harmonies

Analogous

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



57.0330, 43.3677, -50.0179



59.4720, 37.7283, -14.4459



59.1540, 23.5881, 41.0839

Triad

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



59.4720, 37.7283, -14.4459



56.6690, -27.9378, 47.6483



52.2840, 2.3250, -45.8531

Complementary

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



59.4720, 37.7283, -14.4459



119.5280, -37.7283, 14.4459

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.



45.8660, -17.1889, -40.2245



59.4720, 37.7283, -14.4459



58.5530, -28.8666, 18.8090

Square

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



59.4720, 37.7283, -14.4459



44.9860, -8.3741, 72.8033



53.3490, -26.3011, -10.8301



57.6590, 20.3811, -50.5669

Rectangle

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



59.4720, 37.7283, -14.4459



46.3100, 17.1022, 68.1341



53.3490, -26.3011, -10.8301



50.6880, -3.7902, -44.4534

Sweetspot

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



59.4720, 37.7283, -14.4459



145.5660, 15.0040, -5.7584



106.9390, 8.9041, -56.0745



70.6820, 9.0308, -3.2291



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



59.4720, 37.7283, -14.4459



57.2210, 58.5580, -22.1188



64.3660, 35.3156, 12.8340



63.3850, 2.7682, -1.2146



23.3800, 54.0427, -20.5043



1.1570, 1.8946, -1.0147

Inverse Universe

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



71.9470, -9.3409, 56.1745



76.7660, -14.6746, 87.0282



114.6340, -35.3156, -12.8340



64.2070, -0.5951, 4.2035



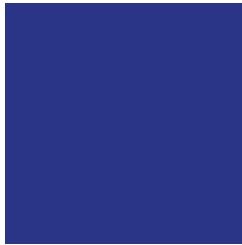
41.3630, -13.4900, 80.3656



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 59.4720, 37.7283, -14.4459 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 59.4720, 37.7283, -14.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

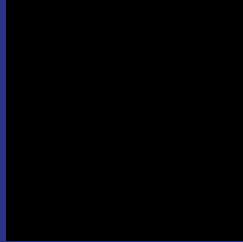
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.4720, 37.7283, -14.4459

Background



This preview shows how black text looks on a background with the YUV color 59.4720, 37.7283, -14.4459.



This preview shows how white text looks on a background with the YUV color 59.4720, 37.7283,

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

59.4720, 37.7283, -14.4459

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.9940, 29.0900, -43.8447



Tritanopia

48.9390, 12.3551, -42.9195

Trichromacy



Original Color

59.4720, 37.7283, -14.4459

Protanomaly

53.0630, 37.9299, -32.5043

Deuteranomaly

53.5700, 32.2570, -32.9489

Tritanomaly

52.8230, 21.7793, -32.2938

Monochromacy



Original Color

59.4720, 37.7283, -14.4459

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2240, 13.6936, -5.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.4720, 37.7283, -14.4459 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(43, 53, 136)` looks like.

```
.text, #text, p{  
    color:rgb(43, 53, 136)  
}
```

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(43, 53, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 53, 136) }
```

Border

The CSS property to change the border of an element to YUV 59.4720, 37.7283, -14.4459 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(43, 53, 136) }
```


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

```
.border{ border-color:rgb(43, 53, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 53, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 53, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 53, 136);  
box-shadow:4px 4px 4px 4px rgb(43, 53,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 59.4720, 37.7283, -14.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 53, 136) }
```

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

```
.background{ background-color: rgb(43, 53,  
136) }
```

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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