

Converting Colors

YUV(61.6310, 26.3109,
-39.1414)

Have a look what the booklet for
YUV(61.6310, 26.3109, -39.1414)
contains.

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Color

**YUV(61.6310, 26.3109,
-39.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	114A73
RGB	17, 74, 115
RGB Percent	7%, 29%, 45%
CMY	0.9333, 0.7098, 0.5490
CMYK	0.85, 0.36, 0.00, 0.55
HSL	205°, 74%, 26%
HSV	205°, 85%, 45%
XYZ	5.7745, 6.2545, 17.1226
YIQ	61.6310, -47.1330, 0.6670

Conversions

Conversions Part 2

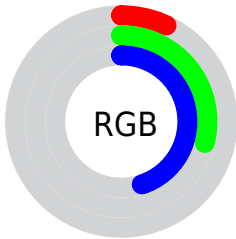
Format	Color
R_{YB}	17, 53, 115
Decimal	1133171
CIE Lab	30.05, -1.91, -28.56
CIE LCh	30, 28.627, 266.167
Yxy	6.2545, 0.1981, 0.2146
Android (android.graphics.Color)	4279323251 (0xFF114A73)
YUV	61.6310, 26.3109, -39.1414
Hunter-Lab	25.0091, -2.5512, -23.0868

Details

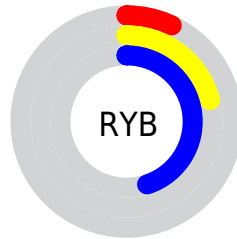
The YUV color **61.6310, 26.3109, -39.1414** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **70.3690, -26.3109, 39.1414**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2730, 25.9944, -30.9344**, and **25.8350, 20.2943, -22.6573** is the 20% darker color. If you saturate the color by 10%, you get **55.1080, 29.5268, -43.9447**, and if you desaturate by 10%, it is **68.1540, 23.0951, -34.3381**.

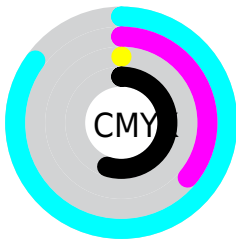
Distribution



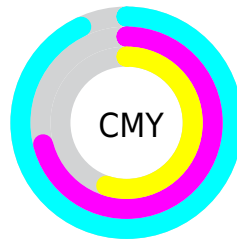
- Red (7%)
- Green (29%)
- Blue (45%)



- Red (7%)
- Yellow (21%)
- Blue (45%)



- Cyan (85%)
- Magenta (36%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6310, 26.3109, -39.1414 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 61.6310, 26.3109, -39.1414 by changing the saturation by 10% instead.

■ 61.6310, 26.3109,
-39.1414

■ 61.6310, 26.3109,
-39.1414

■ 255.0000, 0.0000,
0.0000

■ 40.7840, 24.2635,
-35.7676

■ 114.2730, 25.9944,
-30.9344

■ 25.8350, 20.2943,
-22.6573

■ 140.8000, 26.7206,
-30.5196

■ 7.3640, 18.0615,
-6.4582

■ 167.9140, 27.1574,
-30.6196

■ 3.2090, 9.7570,
-2.8143

■ 195.3270, 27.4468,
-30.1048

■ 0.0000, 0.0000,
0.0000

■ 220.5910, 16.9636,
-27.7053

■ 243.9370, 5.4541,

-22.7467

■ 252.6080, 1.1793,
-4.9182

■ 61.6310, 26.3109,
-39.1414

■ 61.6310, 26.3109,
-39.1414

■ 55.1080, 29.5268,
-43.9447

■ 68.1540, 23.0951,
-34.3381

■ 52.4390, 30.8426,
-45.9890

■ 74.3780, 20.0266,
-30.1495

■ 80.0150, 17.2476,
-25.4462

■ 86.5380, 14.0318,
-20.6428

■ 93.0610, 10.8159,
-15.8395

■ 99.2850, 7.7475,
-11.6509

■ 105.8080, 4.5317,
-6.8476

■ 111.4450, 1.7526,
-2.1443

■ 117.9680, -1.4632,
2.6591

Harmonies

Analogous

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



58.5710, 23.8755, -51.3668



61.6310, 26.3109, -39.1414



71.4290, 19.5085, -3.8842

Triad

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



61.6310, 26.3109, -39.1414



70.5270, -9.1338, 36.3718



62.8540, -8.8020, -23.5510

Complementary

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



61.6310, 26.3109, -39.1414



70.3690, -26.3109, 39.1414

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.



66.4670, -18.4712, -2.1636



61.6310, 26.3109, -39.1414



69.8930, -17.6952, 29.0348

Square

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



61.6310, 26.3109, -39.1414



71.9640, 1.4967, 33.3576



69.0670, -21.7250, 14.8502



55.7720, 5.5354, -48.9120

Rectangle

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



61.6310, 26.3109, -39.1414



73.1600, 14.2181, 13.0147



69.0670, -21.7250, 14.8502



64.2850, -12.4655, -15.1589

Sweetspot

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



61.6310, 26.3109, -39.1414



128.9470, 10.3791, -15.7395



79.2000, -10.4516, -54.5494



63.9540, 6.4317, -9.6067



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



61.6310, 26.3109, -39.1414



68.7560, 40.0533, -60.2990



32.8680, 40.4911, -13.9162



55.4450, 1.7526, -2.1443



55.5850, 32.7426, -48.7480



113.6150, 67.2378, -99.6404

Inverse Universe

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



52.8000, 10.4516, 54.5494



54.8820, 16.3272, 83.4185



99.1320, -40.4911, 13.9162



55.1360, 0.4260, 3.3887



44.5720, 13.0290, 67.9044



91.2800, 26.4840, 139.1974

Previews

White Background



This preview shows how the YUV color 61.6310, 26.3109, -39.1414 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 61.6310, 26.3109, -39.1414 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 61.6310, 26.3109, -39.1414 Background



This preview shows how black text looks on a background with the YUV color 61.6310, 26.3109, -39.1414.



This preview shows how white text looks on a background with the YUV color 61.6310, 26.3109,

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

61.6310, 26.3109, -39.1414

Protanopia

69.6020, 20.4092, -12.8060

Deuteranopia

67.7580, 23.7833, -21.7128



Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Original Color

61.6310, 26.3109, -39.1414

Protanomaly

66.7040, 22.3309, -22.5424

Deuteranomaly

65.6540, 24.8206, -27.7606

Tritanomaly

57.8230, 18.3283, -45.4488

Monochromacy



Original Color

61.6310, 26.3109, -39.1414

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7300, 9.5001, -13.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6310, 26.3109, -39.1414 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(17, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(17, 74, 115)  
}
```

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(17, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 74, 115) }
```

Border

The CSS property to change the border of an element to YUV 61.6310, 26.3109, -39.1414 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(17, 74, 115) }
```


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

```
.border{ border-color:rgb(17, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 74, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 74, 115);  
box-shadow:4px 4px 4px 4px rgb(17, 74,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 61.6310, 26.3109, -39.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 74, 115) }
```

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

```
.background{ background-color: rgb(17, 74,  
115) }
```

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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