

Converting Colors

YUV(44.6260, 44.0614,
-39.1370)

Have a look what the booklet for
YUV(44.6260, 44.0614, -39.1370)
contains.

YUV(44.6260, 44.0614, -39.1370)	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(44.6260, 44.0614,
-39.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	003286
RGB	0, 50, 134
RGB Percent	0%, 20%, 53%
CMY	1.0000, 0.8039, 0.4745
CMYK	1.00, 0.63, 0.00, 0.47
HSL	218°, 100%, 26%
HSV	218°, 100%, 53%
XYZ	5.4437, 4.0024, 23.0399
YIQ	44.6260, -56.7640, 15.5240

Conversions

Conversions Part 2

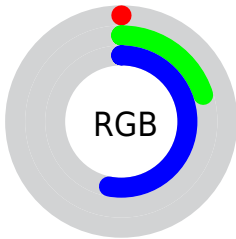
Format	Color
RYB	0, 36, 134
Decimal	12934
CIELab	23.68, 21.70, -50.77
CIELCh	24, 55.210, 293.144
Yxy	4.0024, 0.1676, 0.1232
Android (android.graphics.Color)	4278203014 (0xFF003286)
YUV	44.6260, 44.0614, -39.1370
Hunter-Lab	20.0061, 13.5594, -54.2767

Details

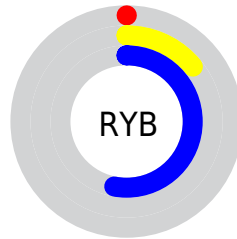
The YUV color **44.6260, 44.0614, -39.1370** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **89.3740, -44.0614, 39.1370**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7040, 42.5439, -19.0344**, and **13.5710, 34.2285, -11.9018** is the 20% darker color. If you saturate the color by 10%, you get **44.6260, 44.0614, -39.1370**, and if you desaturate by 10%, it is **53.2090, 39.8300, -35.2633**.

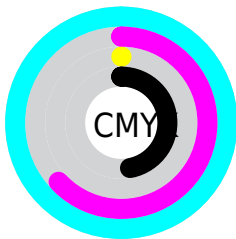
Distribution



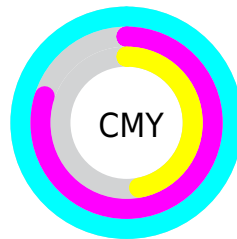
- Red (0%)
- Green (20%)
- Blue (53%)



- Red (0%)
- Yellow (14%)
- Blue (53%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.6260, 44.0614, -39.1370 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 44.6260, 44.0614, -39.1370 by changing the saturation by 10% instead.

■ 44.6260, 44.0614,
-39.1370

■ 44.6260, 44.0614,
-39.1370

■ 255.0000, 0.0000,
0.0000

■ 29.9220, 38.4925,
-26.2416

■ 101.7040, 42.5439,
-19.0344

■ 13.5710, 34.2285,
-11.9018

■ 127.3560, 43.7015,
-16.9752

■ 10.2480, 24.0347,
-8.9875

■ 154.5950, 44.5697,
-15.4308

■ 5.3920, 15.5827,
-4.7288

■ 179.3690, 37.2861,
-12.6016

■ 2.0690, 5.3890,
-1.8145

■ 204.4760, 24.9083,
-9.1875

■ 0.0000, 0.0000,
0.0000

■ 229.8820, 12.3832,

-5.1585

254.4020, 0.2948,
-1.2296

■ 44.6260, 44.0614,
-39.1370

■ 53.2090, 39.8300,
-35.2633

■ 62.6780, 35.1617,
-31.2896

■ 71.2610, 30.9303,
-27.4159

■ 80.7300, 26.2621,
-23.4422

■ 89.3130, 22.0307,
-19.5685

■ 97.8960, 17.7993,
-15.6948

■ 107.3650, 13.1311,
-11.7211

■ 115.9480, 8.8996,
-7.8474

■ 125.4170, 4.2314,
-3.8737

Harmonies

Analogous

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



54.1150, 42.3413, -47.4589



44.6260, 44.0614, -39.1370



52.6310, 26.8039, 36.2806

Triad

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



44.6260, 44.0614, -39.1370



49.0160, -24.1649, 50.8520



47.3940, -1.1802, -41.5645

Complementary

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



44.6260, 44.0614, -39.1370



89.3740, -44.0614, 39.1370

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.



40.5030, -19.9680, -35.5211



44.6260, 44.0614, -39.1370



53.8460, -26.5461, 21.1831

Square

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



44.6260, 44.0614, -39.1370



40.1540, -6.4849, 73.5329



49.2290, -24.2699, -8.9708



52.8830, 17.3127, -46.3784

Rectangle

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



44.6260, 44.0614, -39.1370



43.9180, 18.2814, 63.2159



49.2290, -24.2699, -8.9708



45.0970, -7.4428, -39.5501

Sweetspot

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



44.6260, 44.0614, -39.1370



138.6680, 16.9257, -15.4948



88.1200, -2.5242, -77.2812



65.6920, 10.5048, -9.3769



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



44.6260, 44.0614, -39.1370



57.8770, 56.7556, -50.7581



20.0600, 56.1724, -3.5606



61.8580, 2.0420, -1.6295



43.5830, 42.6036, -38.2223



0.9290, 1.0210, -0.8147

Inverse Universe

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



45.7660, 2.0874, 77.3812



59.1370, 2.8905, 99.8579



113.9400, -56.1724, 3.5606



62.0220, -0.0108, 3.4887



44.4560, 2.2402, 75.0221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 44.6260, 44.0614, -39.1370 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 44.6260, 44.0614, -39.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

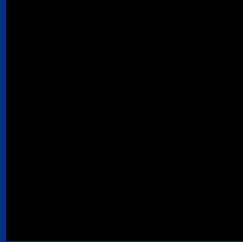
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.6260, 44.0614, -39.1370

Background



This preview shows how black text looks on a background with the YUV color 44.6260, 44.0614, -39.1370.



This preview shows how white text looks on a background with the YUV color 44.6260, 44.0614,

-39.1370.

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

44.6260, 44.0614, -39.1370

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

46.0330, 26.6057, -40.3709



Tritanopia

44.6190, 11.0338, -39.1309

Trichromacy



Original Color

44.6260, 44.0614, -39.1370

Protanomaly

45.1330, 38.3884, -39.5816

Deuteranomaly

45.6400, 32.7155, -40.0263

Tritanomaly

44.4200, 22.9639, -38.9563

Monochromacy



Original Color

44.6260, 44.0614, -39.1370

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0380, 15.7573, -14.0653

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.6260, 44.0614, -39.1370 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(0, 50, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 134)  
}
```

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(0, 50, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 134) }
```

Border

The CSS property to change the border of an element to YUV 44.6260, 44.0614, -39.1370 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(0, 50, 134) }
```


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

```
.border{ border-color:rgb(0, 50, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 134)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.6260, 44.0614, -39.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 134) }
```

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

```
.background{ background-color: rgb(0, 50,  
134) }
```

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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