

Converting Colors

YUV(89.7610, 39.0648,
-69.9504)

Have a look what the booklet for
YUV(89.7610, 39.0648, -69.9504)
contains.

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Color

**YUV(89.7610, 39.0648,
-69.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	0A73A9
RGB	10, 115, 169
RGB Percent	4%, 45%, 66%
CMY	0.9608, 0.5490, 0.3373
CMYK	0.94, 0.32, 0.00, 0.34
HSL	200°, 89%, 35%
HSV	200°, 94%, 66%
XYZ	13.4173, 15.1906, 39.7610
YIQ	89.7610, -79.9140, -5.4660

Conversions

Conversions Part 2

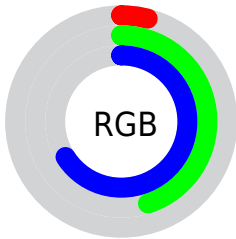
Format	Color
R_{YB}	10, 73, 169
Decimal	684969
CIE _{Lab}	45.89, -6.44, -36.24
CIE _{LCh}	46, 36.808, 259.921
Yxy	15.1906, 0.1962, 0.2222
Android (android.graphics.Color)	4278875049 (0xFF0A73A9)
YUV	89.7610, 39.0648, -69.9504
Hunter-Lab	38.9751, -6.7570, -33.2030

Details

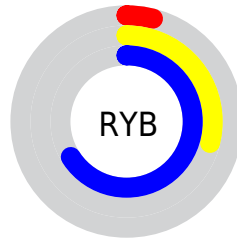
The YUV color **89.7610, 39.0648, -69.9504** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **89.2390, -39.0648, 69.9504**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8880, 36.5372, -52.5218**, and **52.5530, 31.2794, -46.0890** is the 20% darker color. If you saturate the color by 10%, you get **85.0100, 41.4071, -74.5538**, and if you desaturate by 10%, it is **98.3660, 34.8226, -62.5880**.

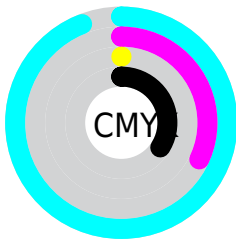
Distribution



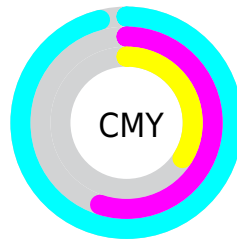
- Red (4%)
- Green (45%)
- Blue (66%)



- Red (4%)
- Yellow (29%)
- Blue (66%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (34%)



- Cyan (96%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7610, 39.0648, -69.9504 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 89.7610, 39.0648, -69.9504 by changing the saturation by 10% instead.

■ 89.7610, 39.0648,
-69.9504

■ 89.7610, 39.0648,
-69.9504

■ 255.0000, 0.0000,
0.0000

■ 69.6050, 35.6907,
-61.0436

■ 150.8880, 36.5372,
-52.5218

■ 52.5530, 31.2794,
-46.0890

■ 178.8990, 36.5318,
-50.7774

■ 36.9030, 27.1628,
-32.3639

■ 204.5330, 24.8802,
-46.9484

■ 23.0140, 22.1781,
-20.1833

■ 229.6400, 12.5025,
-43.5343

■ 6.8910, 18.7877,
-6.0434

■ 241.5450, 6.6333,
-27.6650

■ 3.2090, 9.7570,
-2.8143

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 89.7610, 39.0648,
-69.9504

■ 89.7610, 39.0648,
-69.9504

■ 85.0100, 41.4071,
-74.5538

■ 98.3660, 34.8226,
-62.5880

■ 106.3840, 30.8697,
-54.7108

■ 114.9890, 26.6274,
-47.3484

■ 123.5940, 22.3852,
-39.9859

■ 131.9000, 18.2903,
-33.2383

■ 139.9180, 14.3374,
-25.3611

■ 148.5230, 10.0952,
-17.9987

■ 157.1280, 5.8529,
-10.6363

■ 165.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



89.2840, 32.3980, -78.3021



89.7610, 39.0648, -69.9504



108.7790, 28.7030, -12.9612

Triad

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



89.7610, 39.0648, -69.9504



109.3870, -10.0508, 50.5266



99.4210, -15.4906, -24.9252

Complementary

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



89.7610, 39.0648, -69.9504



89.2390, -39.0648, 69.9504

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.



103.7960, -27.5074, 2.8099



89.7610, 39.0648, -69.9504



108.1290, -22.2486, 42.8599

Square

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



89.7610, 39.0648, -69.9504



110.8280, 4.5218, 43.1238



106.4830, -29.3251, 25.8864



83.8460, 6.4849, -73.5329

Rectangle

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



89.7610, 39.0648, -69.9504



111.7990, 21.7911, 10.7003



106.4830, -29.3251, 25.8864



101.2220, -20.3224, -15.1037

Sweetspot

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



89.7610, 39.0648, -69.9504



188.4340, 15.0690, -26.6906



109.3750, -22.8629, -87.1519



91.0070, 9.3635, -16.6691



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



89.7610, 39.0648, -69.9504



110.0810, 53.6971, -96.5410



43.9750, 61.6373, -29.7961



79.8470, 2.0474, -3.3738



74.3980, 36.2858, -65.2470



9.9110, 4.9739, -8.6919

Inverse Universe

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



69.5110, 22.4261, 87.2519



82.0110, 31.0536, 120.1394



135.0250, -61.6373, 29.7961



78.9620, 1.0047, 4.4183



55.4240, 20.9900, 81.1892



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 89.7610, 39.0648, -69.9504 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 × Fail

Black Background



This preview shows how the YUV color 89.7610, 39.0648, -69.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

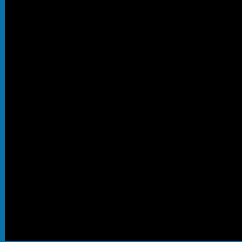
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7610, 39.0648, -69.9504

Background



This preview shows how black text looks on a background with the YUV color 89.7610, 39.0648, -69.9504.



This preview shows how white text looks on a background with the YUV color 89.7610, 39.0648,

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

89.7610, 39.0648, -69.9504

Protanopia

107.3010, 26.9666, -16.0500

Deuteranopia

105.0160, 32.5301, -27.2010

Trichromacy



Original Color

89.7610, 39.0648, -69.9504

Protanomaly

100.7330, 31.6836, -35.7228

Deuteranomaly

99.7860, 34.6155, -42.7853

Monochromacy



Original Color

89.7610, 39.0648, -69.9504

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9180, 14.3374, -25.3611

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7610, 39.0648, -69.9504 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(10, 115, 169)` looks like.

```
.text, #text, p{  
    color:rgb(10, 115, 169)  
}
```

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(10, 115, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 115, 169) }
```

Border

The CSS property to change the border of an element to YUV 89.7610, 39.0648, -69.9504 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(10, 115, 169) }
```

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

```
.border{ border-color:rgb(10, 115, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 115, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 115, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 115, 169);  
box-shadow:4px 4px 4px 4px rgb(10, 115,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 89.7610, 39.0648, -69.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 115, 169) }
```

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

```
.background{ background-color: rgb(10, 115,  
169) }
```

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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