

Converting Colors

YUV(89.3080, 39.7812,
-19.5641)

Have a look what the booklet for
YUV(89.3080, 39.7812, -19.5641)
contains.

YUV(89.3080, 39.7812, -19.5641)	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(89.3080, 39.7812,
-19.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	4355AA
RGB	67, 85, 170
RGB Percent	26%, 33%, 67%
CMY	0.7373, 0.6667, 0.3333
CMYK	0.61, 0.50, 0.00, 0.33
HSL	230°, 43%, 46%
HSV	230°, 61%, 67%
XYZ	12.8189, 10.5926, 39.3991
YIQ	89.3080, -38.0130, 22.6190

Conversions

Conversions Part 2

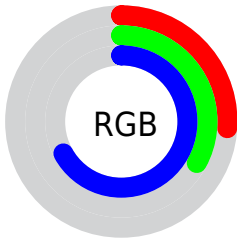
Format	Color
R _Y B	67, 82, 170
Decimal	4412842
CIE Lab	38.89, 19.84, -47.89
CIE LCh	39, 51.835, 292.502
Yxy	10.5926, 0.2041, 0.1686
Android (android.graphics.Color)	4282602922 (0xFF4355AA)
YUV	89.3080, 39.7812, -19.5641
Hunter-Lab	32.5462, 13.3496, -48.9917

Details

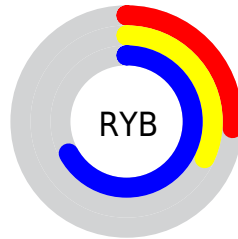
The YUV color **89.3080, 39.7812, -19.5641** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **147.6920, -39.7812, 19.5641**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4980, 41.6595, -15.3457**, and **37.4050, 39.2403, -32.8042** is the 20% darker color. If you saturate the color by 10%, you get **76.0070, 46.3385, -22.8081**, and if you desaturate by 10%, it is **102.6090, 33.2238, -16.3201**.

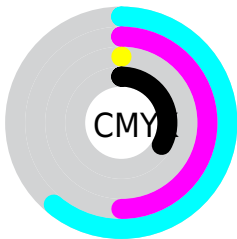
Distribution



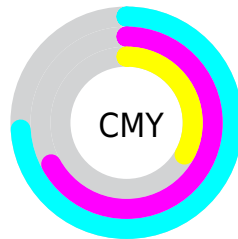
- Red (26%)
- Green (33%)
- Blue (67%)



- Red (26%)
- Yellow (32%)
- Blue (67%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3080, 39.7812, -19.5641 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 89.3080, 39.7812, -19.5641 by changing the saturation by 10% instead.

■ 89.3080, 39.7812,
-19.5641

■ 89.3080, 39.7812,
-19.5641

■ 255.0000, 0.0000,
0.0000

■ 63.1610, 39.3606,
-24.6972

■ 141.4980, 41.6595,
-15.3457

■ 37.4050, 39.2403,
-32.8042

■ 168.4380, 42.6751,
-14.4161

■ 22.8150, 34.1082,
-20.0088

■ 192.9580, 30.5867,
-10.4872

■ 7.7520, 29.7023,
-6.7985

■ 218.0650, 18.2090,
-7.0730

■ 6.7770, 18.3509,
-5.9434

■ 243.1720, 5.8312,
-3.6588

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 89.3080, 39.7812,
-19.5641

■ 89.3080, 39.7812,
-19.5641

■ 76.0070, 46.3385,
-22.8081

■ 102.6090, 33.2238,
-16.3201

■ 62.7060, 52.8959,
-26.0522

■ 115.9100, 26.6664,
-13.0761

■ 49.4050, 59.4533,
-29.2962

■ 129.2110, 20.1090,
-9.8320

■ 36.9900, 65.5739,
-32.4402

■ 142.5120, 13.5516,
-6.5880

■ 155.8130, 6.9942,
-3.3440

■ 169.1140, 0.4368,
-0.1000

■ 182.4150, -6.1206,
3.1440

■ 195.7160,
-12.6780, 6.3881

■ 209.0170,
-19.2354, 9.6321

Harmonies

Analogous

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



78.7640, 47.9373, -69.0760



89.3080, 39.7812, -19.5641



93.6260, 24.3414, 32.7770

Triad

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



89.3080, 39.7812, -19.5641



87.0890, -31.5959, 54.2959



73.5760, 2.6740, -64.5262

Complementary

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



89.3080, 39.7812, -19.5641



147.6920, -39.7812, 19.5641

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.



70.2130, -16.8670, -50.1758



89.3080, 39.7812, -19.5641



86.3620, -42.5765, 29.5005

Square

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



89.3080, 39.7812, -19.5641



85.7530, -11.7102, 69.4996



82.0330, -40.4423, -1.7829



79.1790, 21.6038, -69.4400

Rectangle

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



89.3080, 39.7812, -19.5641



90.0220, 13.7932, 56.1087



82.0330, -40.4423, -1.7829



71.3930, -3.1517, -62.6117

Sweetspot

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



89.3080, 39.7812, -19.5641



190.6690, 15.4462, -7.6027



137.0370, 6.8838, -61.4224



93.0840, 9.3256, -4.4587



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



89.3080, 39.7812, -19.5641



94.9040, 62.6583, -30.6108



88.6090, 40.1258, 9.9899



77.4990, 3.2050, -1.3146



32.1340, 57.1219, -28.1815



4.6280, 7.5784, -4.0588

Inverse Universe

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



99.8490, -7.3206, 61.5224



111.6300, -11.6496, 96.7945



148.3910, -40.1258, -9.9899



78.5060, -0.7425, 4.8182



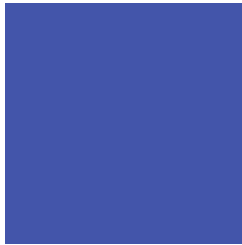
47.2160, -10.4595, 88.3876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 89.3080, 39.7812, -19.5641 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 89.3080, 39.7812, -19.5641 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 89.3080, 39.7812, -19.5641

Background



This preview shows how black text looks on a background with the YUV color 89.3080, 39.7812, -19.5641.



This preview shows how white text looks on a background with the YUV color 89.3080, 39.7812, -19.5641.

-19.5641.

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

89.3080, 39.7812, -19.5641

Protanopia

84.6480, 44.0505, -35.6483

Deuteranopia

73.2870, 44.7215, -64.2727



Tritanopia

82.3740, 12.6336, -38.9160

Trichromacy



Original Color

89.3080, 39.7812, -19.5641

Protanomaly

86.3390, 42.7239, -30.1153

Deuteranomaly

78.9300, 42.9255, -48.1736

Tritanomaly

85.3500, 22.5055, -31.8789

Monochromacy



Original Color

89.3080, 39.7812, -19.5641

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3270, 14.1358, -7.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3080, 39.7812, -19.5641 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(67, 85, 170)` looks like.

```
.text, #text, p{  
    color:rgb(67, 85, 170)  
}
```

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(67, 85, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 85, 170) }
```

Border

The CSS property to change the border of an element to YUV 89.3080, 39.7812, -19.5641 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(67, 85, 170) }
```


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

```
.border{ border-color:rgb(67, 85, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 85, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 85, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 85, 170);  
box-shadow:4px 4px 4px 4px rgb(67, 85,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 89.3080, 39.7812, -19.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 85, 170) }
```

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

```
.background{ background-color: rgb(67, 85,  
170) }
```

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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