

Converting Colors

YUV(79.8810, 6.9607, -39.3606)

Have a look what the booklet for
YUV(79.8810, 6.9607, -39.3606)
contains.

YUV(79.8810, 6.9607, -39.3606)	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(79.8810, 6.9607,
-39.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	23645E
RGB	35, 100, 94
RGB Percent	14%, 39%, 37%
CMY	0.8627, 0.6078, 0.6314
CMYK	0.65, 0.00, 0.06, 0.61
HSL	174°, 48%, 26%
HSV	174°, 65%, 39%
XYZ	7.2707, 10.2798, 12.1907
YIQ	79.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

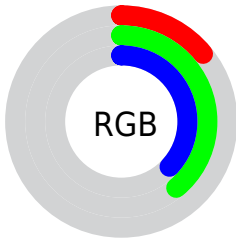
Format	Color
R_{YB}	35, 69, 100
Decimal	2319454
CIE _{Lab}	38.34, -21.97, -2.70
CIE _{LCh}	38, 22.139, 187.018
Yxy	10.2798, 0.2445, 0.3456
Android (android.graphics.Color)	4280509534 (0xFF23645E)
YUV	79.8810, 6.9607, -39.3606
Hunter-Lab	32.0622, -15.6306, -0.0997

Details

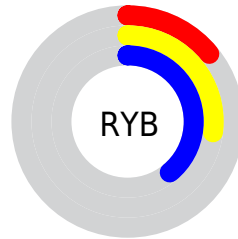
The YUV color **79.8810, 6.9607, -39.3606** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **55.1190, -6.9607, 39.3606**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3650, 6.2291, -38.0311**, and **36.5830, 5.6286, -32.0833** is the 20% darker color. If you saturate the color by 10%, you get **76.7770, 7.9979, -45.4084**, and if you desaturate by 10%, it is **82.9850, 5.9234, -33.3128**.

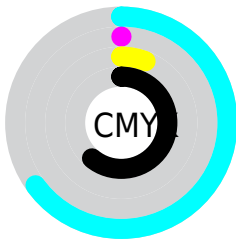
Distribution



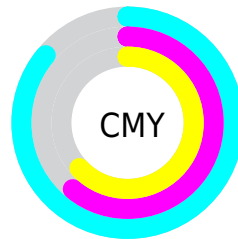
- Red (14%)
- Green (39%)
- Blue (37%)



- Red (14%)
- Yellow (27%)
- Blue (39%)



- Cyan (65%)
- Magenta (0%)
- Yellow (6%)
- Black (61%)



- Cyan (86%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8810, 6.9607, -39.3606 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 79.8810, 6.9607, -39.3606 by changing the saturation by 10% instead.

■ 79.8810, 6.9607,
-39.3606

■ 79.8810, 6.9607,
-39.3606

■ 255.0000, 0.0000,
0.0000

■ 52.5920, 8.5821,
-46.1232

■ 131.3650, 6.2291,
-38.0311

■ 36.5830, 5.6286,
-32.0833

■ 158.3650, 6.2291,
-38.0311

■ 21.8620, 2.5330,
-19.1730

■ 185.9520, 5.9397,
-38.5459

■ 0.0000, 0.0000,
0.0000

■ 213.6530, 6.0871,
-39.1607

■ 237.6580, 8.5496,
-35.6571

■ 246.3290, 4.2748,

-17.8285

■ 79.8810, 6.9607,
-39.3606

■ 79.8810, 6.9607,
-39.3606

■ 76.7770, 7.9979,
-45.4084

■ 82.9850, 5.9234,
-33.3128

■ 73.6730, 9.0352,
-51.4562

■ 86.0890, 4.8861,
-27.2651

■ 70.5690, 10.0725,
-57.5040

■ 89.1930, 3.8489,
-21.2173

■ 69.0740, 10.8095,
-60.5779

■ 92.2970, 2.8116,
-15.1695

■ 95.4010, 1.7743,
-9.1217

■ 98.5050, 0.7370,
-3.0739

■ 101.4950, -0.7370,
3.0739

■ 104.5990, -1.7743,
9.1217

■ 107.7030, -2.8116,
15.1695

Harmonies

Analogous

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



83.8200, -3.8553, -23.5211



79.8810, 6.9607, -39.3606



77.9430, 16.2971, -47.3080

Triad

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



79.8810, 6.9607, -39.3606



92.1760, 13.2242, 5.1076



90.0060, -15.7790, 21.0427

Complementary

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



79.8810, 6.9607, -39.3606



55.1190, -6.9607, 39.3606

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.



91.4290, -10.5645, 28.5648



79.8810, 6.9607, -39.3606



93.0270, 5.9027, 20.1473

Square

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



79.8810, 6.9607, -39.3606



89.3090, 18.0887, -15.1800



91.9050, -2.4182, 29.0243



88.8750, -17.1934, 8.0026

Rectangle

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



79.8810, 6.9607, -39.3606



80.7850, 19.3330, -41.0304



91.9050, -2.4182, 29.0243



90.3700, -14.4794, 24.2315

Sweetspot

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



79.8810, 6.9607, -39.3606



121.9980, 2.9590, -15.7842



75.2480, -19.8423, -29.1585



61.1020, 1.9217, -9.7365



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



79.8810, 6.9607, -39.3606



98.7750, 10.9569, -61.1927



65.3030, 17.1056, -26.5757



49.5050, 0.7370, -3.0739



79.3610, 12.1470, -69.5996



167.1340, 26.0629, -146.5765

Inverse Universe

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



55.1190, -6.9607, 39.3606



60.2250, -10.9569, 61.1927



69.6970, -17.1056, 26.5757



47.4950, -0.7370, 3.0739



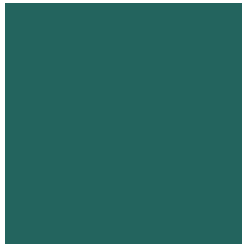
35.6390, -12.1470, 69.5996



74.8660, -26.0629, 146.5765

Previews

White Background



This preview shows how the YUV color 79.8810, 6.9607, -39.3606 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 79.8810, 6.9607, -39.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

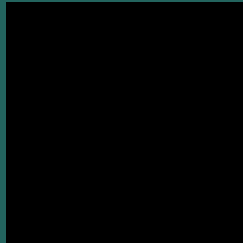
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8810, 6.9607, -39.3606

Background



This preview shows how black text looks on a background with the YUV color 79.8810, 6.9607, -39.3606.



This preview shows how white text looks on a background with the YUV color 79.8810, 6.9607, -39.3606.

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

79.8810, 6.9607, -39.3606

Protanopia

89.7830, -0.8790, 1.9443

Deuteranopia

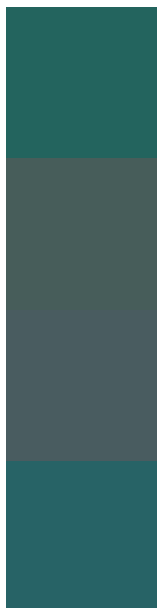
90.5320, 3.1887, 3.9184



Tritanopia

81.8690, 11.8966, -35.8421

Trichromacy



Original Color

79.8810, 6.9607, -39.3606

Protanomaly

86.0800, 1.9326, -13.2252

Deuteranomaly

86.7750, 4.5479, -12.0807

Tritanomaly

81.4020, 10.1548, -37.1866

Monochromacy



Original Color

79.8810, 6.9607, -39.3606

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8810, 6.9607, -39.3606 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(35, 100, 94)` looks like.

```
.text, #text, p{  
    color:rgb(35, 100, 94)  
}
```

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(35, 100, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 100, 94) }
```

Border

The CSS property to change the border of an element to YUV 79.8810, 6.9607, -39.3606 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(35, 100, 94) }
```


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

```
.border{ border-color:rgb(35, 100, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 100, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 100, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 100, 94);  
box-shadow:4px 4px 4px 4px rgb(35, 100,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 79.8810, 6.9607, -39.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 100, 94) }
```

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

```
.background{ background-color: rgb(35, 100,  
94) }
```

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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