

Converting Colors

YUV(39.9650, 46.8523, -0.8463)

Have a look what the booklet for
YUV(39.9650, 46.8523, -0.8463)
contains.

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Color

**YUV(39.9650, 46.8523,
-0.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	271687
RGB	39, 22, 135
RGB Percent	15%, 9%, 53%
CMY	0.8471, 0.9137, 0.4706
CMYK	0.71, 0.84, 0.00, 0.47
HSL	249°, 72%, 31%
HSV	249°, 84%, 53%
XYZ	5.4968, 2.7544, 23.1636
YIQ	39.9650, -26.1410, 38.7470

Conversions

Conversions Part 2

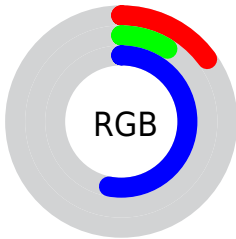
Format	Color
R_{YB}	39, 22, 135
Decimal	2561671
CIE _{Lab}	19.03, 42.36, -58.99
CIE _{LCh}	19, 72.623, 305.678
Y _{xy}	2.7544, 0.1750, 0.0877
Android (android.graphics.Color)	4280751751 (0xFF271687)
YUV	39.9650, 46.8523, -0.8463
Hunter-Lab	16.5965, 30.0758, -71.1333




Details

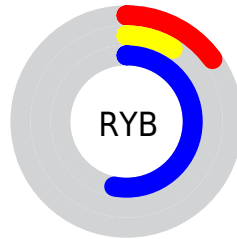
The YUV color **39.9650, 46.8523, -0.8463** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **117.0350, -46.8523, 0.8463**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **91.9490, 47.8461, 7.0607**, and **9.5760, 36.6910, -8.3982** is the 20% darker color. If you saturate the color by 10%, you get **29.0450, 52.2358, -0.9165**, and if you desaturate by 10%, it is **51.4720, 41.1793, -1.2909**.

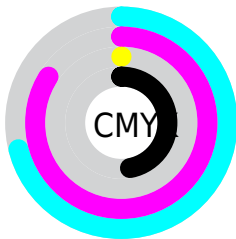
Distribution







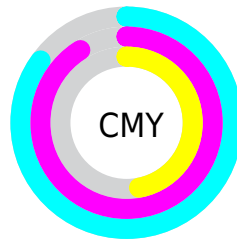
-  Red (15%)
-  Green (9%)
-  Blue (53%)






-  Red (15%)
-  Yellow (9%)
-  Blue (53%)



-  Cyan (71%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (91%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.9650, 46.8523, -0.8463 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 39.9650, 46.8523, -0.8463 by changing the saturation by 10% instead.

■ 39.9650, 46.8523,
-0.8463

■ 39.9650, 46.8523,
-0.8463

■ 255.0000, 0.0000,
0.0000

■ 12.4260, 47.6110,
-10.8976

■ 91.9490, 47.8461,
7.0607

■ 9.5760, 36.6910,
-8.3982

■ 118.3020, 49.1511,
8.5051

■ 10.3620, 24.4715,
-9.0875

■ 144.9540, 50.3087,
10.5643

■ 5.3920, 15.5827,
-4.7288

■ 169.7990, 42.0041,
14.2083

■ 2.0690, 5.3890,
-1.8145

■ 194.3190, 29.9157,
18.1372

■ 0.0000, 0.0000,
0.0000

■ 219.7250, 17.3906,

22.1662

239.1510, 7.8136,
13.8996

39.9650, 46.8523,
-0.8463

39.9650, 46.8523,
-0.8463

29.0450, 52.2358,
-0.9165

51.4720, 41.1793,
-1.2909

21.3700, 56.0196,
-1.2015

62.6910, 35.6483,
-0.6060

74.1980, 29.9754,
-1.0506

85.4170, 24.4444,
-0.3657

96.9240, 18.7715,
-0.8103

■ 108.1430, 13.2405,
-0.1254

■ 119.6500, 7.5676,
-0.5700

■ 130.8690, 2.0366,
0.1149

■ 142.3760, -3.6364,
-0.3298

Harmonies

Analogous

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



48.8950, 52.8028, -42.8809



39.9650, 46.8523, -0.8463



43.5630, 23.3864, 59.1422

Triad

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



39.9650, 46.8523, -0.8463



40.1230, -19.7806, 44.6191



43.9520, 5.9397, -38.5459

Complementary

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



39.9650, 46.8523, -0.8463



117.0350, -46.8523, 0.8463

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.



36.3940, -17.9422, -31.9175



39.9650, 46.8523, -0.8463



42.8270, -21.1137, 5.4137

Square

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



39.9650, 46.8523, -0.8463



35.5810, -17.5414, 73.1585



34.0460, -16.7847, -29.8583



50.4670, 28.3638, -44.2596

Rectangle

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



39.9650, 46.8523, -0.8463



44.3570, 5.7400, 72.4779



34.0460, -16.7847, -29.8583



41.1990, -2.0701, -36.1315

Sweetspot

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



39.9650, 46.8523, -0.8463



139.1090, 18.1873, -0.0956



91.2340, 21.5766, -60.7182



66.5730, 11.0565, 0.3745



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



39.9650, 46.8523, -0.8463



27.8380, 73.0439, -1.6119



56.7090, 38.5975, 33.5812



60.9830, 2.4734, 0.0149



20.8000, 53.8356, -0.7016



0.3420, 1.3104, -0.2999

Inverse Universe

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



66.7310, 25.2756, 59.8719



69.6100, 39.1393, 93.3040



100.2910, -38.5975, -33.5812



62.3640, 1.2995, 3.1888



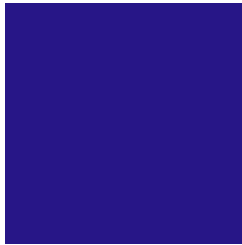
51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 39.9650, 46.8523, -0.8463 looks on a white background.

Color Contrast Check

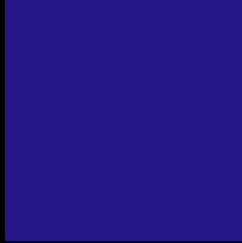
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9650, 46.8523, -0.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

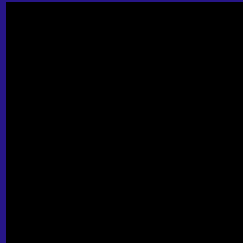
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.9650, 46.8523, -0.8463

Background



This preview shows how black text looks on a background with the YUV color 39.9650, 46.8523, -0.8463.



This preview shows how white text looks on a background with the YUV color 39.9650, 46.8523, -0.8463.

-0.8463.

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

39.9650, 46.8523, -0.8463

Protanopia

37.9460, 28.6206, -33.2786

Deuteranopia

38.1110, 21.6373, -33.4233



Tritanopia

37.4950, 9.1230, -32.8831

Trichromacy



Original Color

39.9650, 46.8523, -0.8463

Protanomaly

38.4450, 35.2766, -21.4383

Deuteranomaly

38.5930, 30.7667, -21.5681

Tritanomaly

38.5300, 22.9097, -21.5128

Monochromacy



Original Color

39.9650, 46.8523, -0.8463

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8810, 17.3137, 0.1044

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.9650, 46.8523, -0.8463 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(39, 22, 135)` looks like.

```
.text, #text, p{  
    color:rgb(39, 22, 135)  
}
```

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(39, 22, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 22, 135) }
```

Border

The CSS property to change the border of an element to YUV 39.9650, 46.8523, -0.8463 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(39, 22, 135) }
```


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

```
.border{ border-color:rgb(39, 22, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 22, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 22, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 22, 135);  
box-shadow:4px 4px 4px 4px rgb(39, 22,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 39.9650, 46.8523, -0.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 22, 135) }
```

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

```
.background{ background-color: rgb(39, 22,  
135) }
```

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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