

Converting Colors

YUV(39.4420, -13.5289,
46.0934)

Have a look what the booklet for
YUV(39.4420, -13.5289, 46.0934)
contains.

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Color

**YUV(39.4420, -13.5289,
46.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	5C120C
RGB	92, 18, 12
RGB Percent	36%, 7%, 5%
CMY	0.6392, 0.9294, 0.9529
CMYK	0.00, 0.80, 0.87, 0.64
HSL	4°, 77%, 20%
HSV	4°, 87%, 36%
XYZ	4.6963, 2.7345, 0.6281
YIQ	39.4420, 46.0300, 13.8220

Conversions

Conversions Part 2

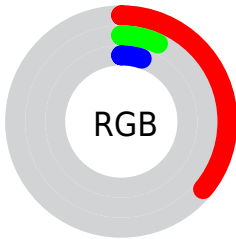
Format	Color
RYB	92, 18, 12
Decimal	6033932
CIELab	18.95, 32.84, 23.68
CIElCh	19, 40.489, 35.800
Yxy	2.7345, 0.5827, 0.3393
Android (android.graphics.Color)	4284224012 (0xFF5C120C)
YUV	39.4420, -13.5289, 46.0934
Hunter-Lab	16.5362, 21.7557, 9.3233

Details

The YUV color **39.4420, -13.5289, 46.0934** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **64.5580, 13.5289, -46.0934**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.8510, -17.1815, 50.9967**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **33.1330, -14.8556, 51.6264**, and if you desaturate by 10%, it is **45.7510, -12.2022, 40.5604**.

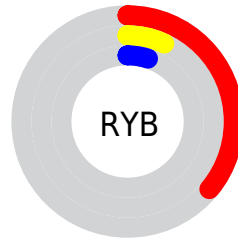
Distribution



Red (36%)

Green (7%)

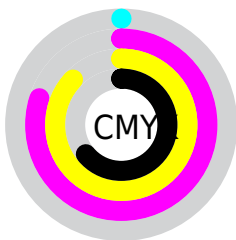
Blue (5%)



Red (36%)

Yellow (7%)

Blue (5%)

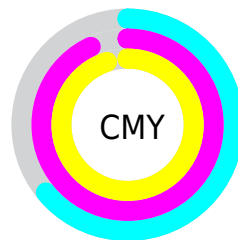


Cyan (0%)

Magenta (80%)

Yellow (87%)

Black (64%)



Cyan (64%)


Magenta (93%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the YUV color 39.4420, -13.5289, 46.0934 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 39.4420, -13.5289, 46.0934 by changing the saturation by 10% instead.


 39.4420, -13.5289,
46.0934


 39.4420, -13.5289,
46.0934


 252.8340, -8.2992,
1.8996

 19.4350, -9.5815,
39.9605

 89.8510, -17.1815,
50.9967

 12.3730, -5.6069,
25.1059

 115.8190,
-18.6448, 53.6557

 0.0000, 0.0000,
0.0000


 142.4880,
-19.9606, 55.7000


 169.5700,
-20.9870, 58.2591


 194.0640,
-20.2446, 53.4409


 213.5780,


-16.5540, 36.3271


 233.2060,
-12.4266, 19.1133


 39.4420, -13.5289,
46.0934


 39.4420, -13.5289,
46.0934


 33.1330, -14.8556,
51.6264


 45.7510, -12.2022,
40.5604

 31.6170, -15.5872,
52.9559

 51.4730, -10.5862,
35.5422

 57.8960, -8.8227,
29.9092

 63.6180, -7.2067,
24.8910

 69.9270, -5.8800,
19.3580

■ 75.6490, -4.2640,
14.3398

■ 81.9580, -2.9373,
8.8068

■ 87.7940, -0.8844,
3.6887

■ 94.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



35.2530, 3.3263, 53.2751



39.4420, -13.5289, 46.0934



43.2690, -21.3316, 28.7051

Triad

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



39.4420, -13.5289, 46.0934



35.7390, -7.7593, -31.3431



40.1460, 31.9730, -35.2080

Complementary

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



39.4420, -13.5289, 46.0934



64.5580, 13.5289, -46.0934

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.



43.6850, 27.7633, -38.3117



39.4420, -13.5289, 46.0934



39.8600, 5.4920, -34.9572

Square

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



39.4420, -13.5289, 46.0934



37.9880, -18.7281, -13.1445



43.1660, 18.1592, -37.8566



46.8090, 23.2652, 4.5525

Rectangle

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



39.4420, -13.5289, 46.0934



43.4800, -21.4356, 15.3650



43.1660, 18.1592, -37.8566



41.9070, 31.1048, -36.7524

Sweetspot

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



39.4420, -13.5289, 46.0934



99.4430, -5.1484, 18.0285



44.4700, 20.9673, 41.6838



48.8550, -3.3795, 10.6512



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



39.4420, -13.5289, 46.0934



41.1630, -20.2934, 69.1400



62.3350, -24.8152, 26.0162



43.0820, -1.0264, 2.5591



37.5860, -18.5299, 63.5071



81.4290, -40.1445, 136.4358

Inverse Universe

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



64.5580, 13.5289, -46.0934



78.8370, 20.2934, -69.1400



41.6650, 24.8152, -26.0162



44.5050, 0.7370, -3.0739



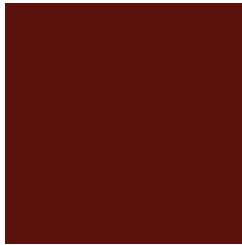
71.8270, 18.8193, -62.9923



155.5710, 40.1445, -136.4358

Previews

White Background



This preview shows how the YUV color 39.4420, -13.5289, 46.0934 looks on a white background.

Color Contrast Check

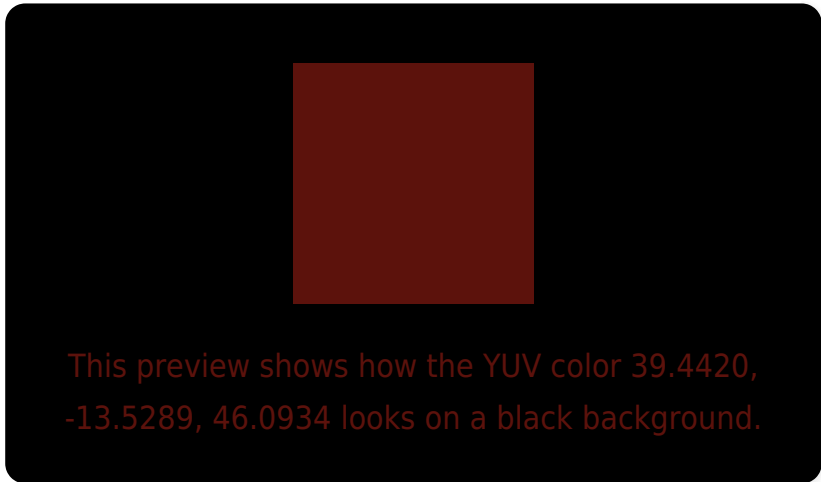
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

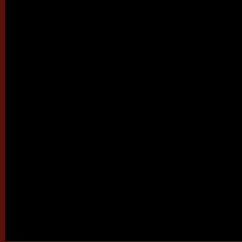
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.4420, -13.5289, 46.0934

Background



This preview shows how black text looks on a background with the YUV color 39.4420, -13.5289, 46.0934.

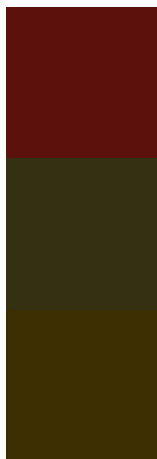


This preview shows how white text looks on a background with the YUV color 39.4420, -13.5289,

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

39.4420, -13.5289, 46.0934

Protanopia

46.4880, -13.5516, 6.5880

Deuteranopia

45.2410, -22.3038, 13.8206



Tritanopia

39.4250, -11.0555, 46.1083

Trichromacy



Original Color

39.4420, -13.5289, 46.0934

Protanomaly

43.8750, -13.7424, 21.1576

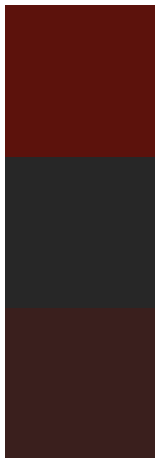
Deuteranomaly

43.1160, -19.2842, 25.3313

Tritanomaly

39.1970, -11.9291, 46.3082

Monochromacy



Original Color

39.4420, -13.5289, 46.0934

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8450, -4.8536, 16.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.4420, -13.5289, 46.0934 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(92, 18, 12)` looks like.

```
.text, #text, p{  
    color:rgb(92, 18, 12)  
}
```

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(92, 18, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 18, 12) }
```

Border

The CSS property to change the border of an element to YUV 39.4420, -13.5289, 46.0934 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(92, 18, 12) }
```


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

```
.border{ border-color:rgb(92, 18, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 18, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 18, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 18, 12);  
box-shadow:4px 4px 4px 4px rgb(92, 18, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.4420, -13.5289, 46.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 18, 12) }
```

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

```
.background{ background-color: rgb(92, 18,  
12) }
```

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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