

Converting Colors

YUV(39.4520, -18.9568,
13.6356)

Have a look what the booklet for
YUV(39.4520, -18.9568, 13.6356)
contains.

YUV(39.4520, -18.9568, 13.6356)	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(39.4520, -18.9568,
13.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	372701
RGB	55, 39, 1
RGB Percent	22%, 15%, 0%
CMY	0.7843, 0.8471, 0.9961
CMYK	0.00, 0.29, 0.98, 0.78
HSL	42°, 96%, 11%
HSV	42°, 98%, 22%
XYZ	2.3065, 2.2655, 0.3444
YIQ	39.4520, 21.7340, -8.4260

Conversions

Conversions Part 2

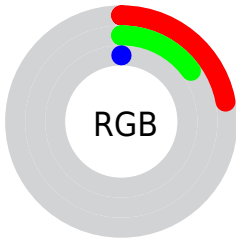
Format	Color
RYB	24, 55, 1
Decimal	3614465
CIELab	16.82, 3.28, 24.08
CIElCh	17, 24.301, 82.241
Yxy	2.2655, 0.4692, 0.4608
Android (android.graphics.Color)	4281804545 (0xFF372701)
YUV	39.4520, -18.9568, 13.6356
Hunter-Lab	15.0514, 1.0141, 9.1793

Details

The YUV color **39.4520, -18.9568, 13.6356** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.5480, 18.9568, -13.6356**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8760, -18.6729, 15.8947**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.3380, -19.3936, 13.7356**, and if you desaturate by 10%, it is **41.1960, -17.3516, 12.1061**.

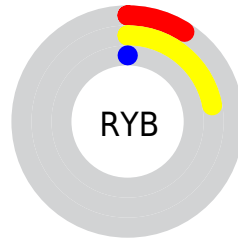
Distribution



Red (22%)

Green (15%)

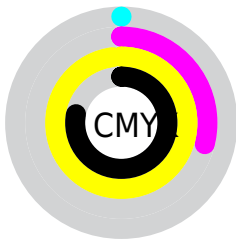
Blue (0%)



Red (9%)

Yellow (22%)

Blue (0%)

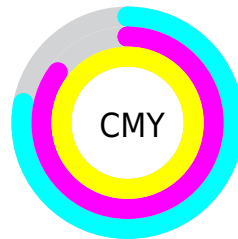


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (78%)



Cyan (78%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.4520, -18.9568, 13.6356 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 39.4520, -18.9568, 13.6356 by changing the saturation by 10% instead.

■ 39.4520, -18.9568,
13.6356

■ 39.4520, -18.9568,
13.6356

■ 251.9220,
-11.7935, 2.6994

■ 20.7210, -10.2155,
9.8917

■ 85.8760, -18.6729,
15.8947

■ 0.0000, 0.0000,
0.0000

■ 110.3600,
-19.4045, 17.2243


■ 135.8440,
-20.1361, 18.5538


■ 162.0290,
-20.7203, 19.2686


■ 189.1000,
-21.7413, 20.0833


■ 217.2850,


-22.3255, 20.7981


 241.0990,
-20.2618, 12.1912


 39.4520, -18.9568,
13.6356


 39.4520, -18.9568,
13.6356


 39.3380, -19.3936,
13.7356

 41.1960, -17.3516,
12.1061

 42.4670, -15.0202,
10.9914

 44.2110, -13.4150,
9.4620

 46.0690, -11.3730,
7.8325

 47.2260, -9.4784,
6.8178

■ 49.0840, -7.4364,
5.1883

■ 50.3550, -5.1050,
4.0737

■ 52.0990, -3.4998,
2.5442

■ 53.9570, -1.4578,
0.9147

Harmonies

Analogous

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



40.4130, -13.0216, 23.3168



39.4520, -18.9568, 13.6356



37.9450, -16.7349, 0.9252

Triad

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



39.4520, -18.9568, 13.6356



35.5060, 9.1175, -31.1388



42.7210, 9.9975, 13.3997

Complementary

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



39.4520, -18.9568, 13.6356



16.5480, 18.9568, -13.6356

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.



41.4950, 16.0250, -6.5731



39.4520, -18.9568, 13.6356



36.0420, 16.2483, -31.6088

Square

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



39.4520, -18.9568, 13.6356



33.4540, 1.2552, -29.3392



35.0790, 20.1741, -30.7643



41.8490, 2.5394, 25.5654

Rectangle

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



39.4520, -18.9568, 13.6356



36.6600, -11.1714, -10.2258



35.0790, 20.1741, -30.7643



43.1440, 11.7610, 7.7667

Sweetspot

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



39.4520, -18.9568, 13.6356



65.1980, -6.9996, 5.0884



18.9700, -0.9712, 31.5983



32.1700, -4.5208, 3.3589



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



39.4520, -18.9568, 13.6356



50.5790, -24.9354, 17.9092



45.5550, -21.9656, -1.3637



27.0710, -1.0210, 0.8147



65.6630, -32.3719, 23.0975



155.8790, -76.8483, 55.3571

Inverse Universe

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



16.5480, 18.9568, -13.6356



20.4210, 24.9354, -17.9092



10.4450, 21.9656, 1.3637



25.9290, 1.0210, -0.8147



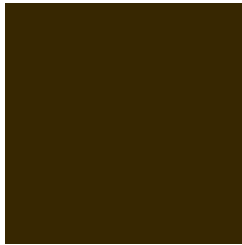
26.3370, 32.3719, -23.0975



63.1210, 76.8483, -55.3571

Previews

White Background



This preview shows how the YUV color 39.4520, -18.9568, 13.6356 looks on a white background.

Color Contrast Check

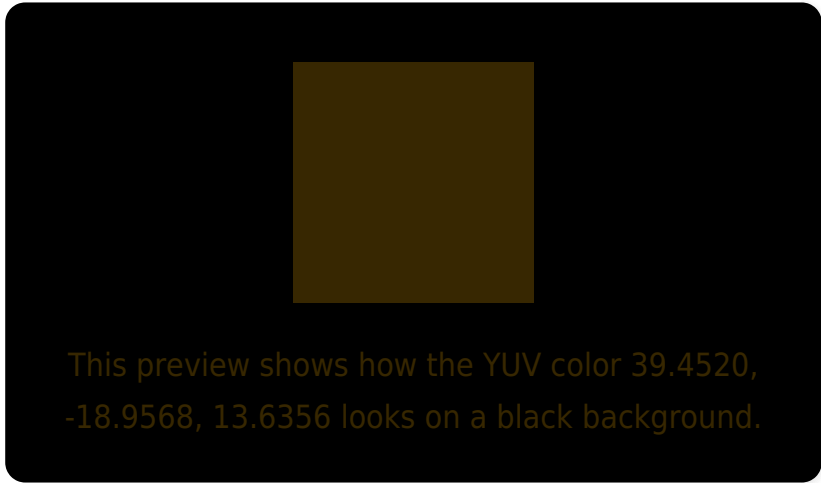
Large Text (above 18pt) WCAG AA ✓ Pass

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

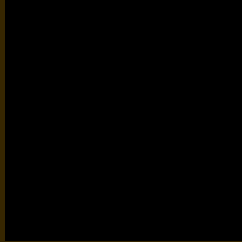
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.4520, -18.9568, 13.6356

Background



This preview shows how black text looks on a background with the YUV color 39.4520, -18.9568, 13.6356.

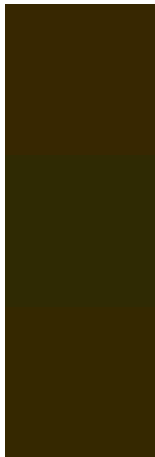


This preview shows how white text looks on a background with the YUV color 39.4520, -18.9568,

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

39.4520, -18.9568, 13.6356

Protanopia

39.0490, -17.7722, 6.9730

Deuteranopia

39.3270, -19.3882, 11.9912



Tritanopia

42.6210, -1.7852, 12.6104

Trichromacy



Original Color

39.4520, -18.9568, 13.6356

Protanomaly

39.2450, -18.3618, 9.4321

Deuteranomaly

39.6260, -19.5356, 12.6060

Tritanomaly

41.3130, -8.0423, 12.8805

Monochromacy



Original Color

39.4520, -18.9568, 13.6356

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1980, -6.9996, 5.0884

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.4520, -18.9568, 13.6356 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(55, 39, 1)` looks like.

```
.text, #text, p{  
    color:rgb(55, 39, 1)  
}
```

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(55, 39, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 39, 1) }
```

Border

The CSS property to change the border of an element to YUV 39.4520, -18.9568, 13.6356 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(55, 39, 1) }
```


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

```
.border{ border-color:rgb(55, 39, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 39, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 39, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 39, 1); box-shadow:4px  
4px 4px 4px rgb(55, 39, 1) }
```

Background

The CSS property to change the background color of an element to YUV 39.4520, -18.9568, 13.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 39, 1) }
```

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

```
.background{ background-color: rgb(55, 39,  
1) }
```

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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