

Converting Colors

YUV(39.6540, -5.2524, 4.6884)

Have a look what the booklet for
YUV(39.6540, -5.2524, 4.6884)
contains.

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Color

**YUV(39.6540, -5.2524,
4.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	2D271D
RGB	45, 39, 29
RGB Percent	18%, 15%, 11%
CMY	0.8235, 0.8471, 0.8863
CMYK	0.00, 0.13, 0.36, 0.82
HSL	38°, 22%, 15%
HSV	38°, 36%, 18%
XYZ	2.0295, 2.0976, 1.4603
YIQ	39.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

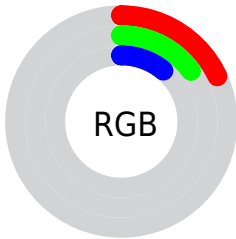
Format	Color
RYB	39, 45, 29
Decimal	2959133
CIELab	15.99, 0.82, 7.64
CIELCh	16, 7.683, 83.881
Yxy	2.0976, 0.3632, 0.3754
Android (android.graphics.Color)	4281149213 (0xFF2D271D)
YUV	39.6540, -5.2524, 4.6884
Hunter-Lab	14.4832, -0.3331, 4.1601

Details

The YUV color **39.6540, -5.2524, 4.6884** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.3460, 5.2524, -4.6884**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8390, -5.8366, 5.4032**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.9100, -6.8576, 6.2179**, and if you desaturate by 10%, it is **41.3980, -3.6472, 3.1590**.

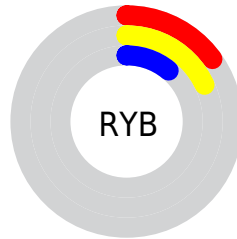
Distribution



Red (18%)

Green (15%)

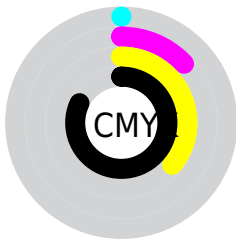
Blue (11%)



Red (15%)

Yellow (18%)

Blue (11%)

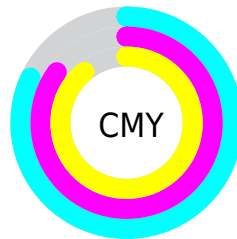


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6540, -5.2524, 4.6884 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 39.6540, -5.2524, 4.6884 by changing the saturation by 10% instead.

■ 39.6540, -5.2524,
4.6884

■ 39.6540, -5.2524,
4.6884

■ 255.0000, 0.0000,
0.0000

■ 18.3830, -7.5838,
5.8031

■ 84.8390, -5.8366,
5.4032

■ 0.0000, 0.0000,
0.0000

■ 109.0240, -6.4208,
6.1180

■ 134.0240, -6.4208,
6.1180

■ 160.3230, -6.5682,
6.7327

■ 187.2090, -7.0050,
6.8327

■ 215.2090, -7.0050,

6.8327

■ 243.5080, -7.1524,
7.4475

■ 39.6540, -5.2524,
4.6884

■ 39.6540, -5.2524,
4.6884

■ 37.9100, -6.8576,
6.2179

■ 41.3980, -3.6472,
3.1590

■ 36.8670, -8.3154,
7.1326

■ 42.4410, -2.1894,
2.2442

■ 35.1230, -9.9206,
8.6621

■ 44.1850, -0.5842,
0.7148

■ 33.4930, -11.0890,
10.0916

■ 45.8150, 0.5842,
-0.7148

■ 32.3360, -12.9836,
11.1063

■ 46.9720, 2.4788,
-1.7294

■ 30.7060, -14.1521,
12.5358

■ 48.6020, 3.6472,
-3.1590

■ 29.8910, -14.7363,
13.2506

■ 50.3460, 5.2524,
-4.6884

■ 51.9760, 6.4208,
-6.1180

■ 53.1330, 8.3154,
-7.1326

Harmonies

Analogous

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



39.9040, -4.3897, 7.9772



39.6540, -5.2524, 4.6884



39.1480, -4.5100, -0.1298

Triad

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



39.6540, -5.2524, 4.6884



37.7320, 3.0901, -11.1660



40.7170, 2.6045, 4.6332

Complementary

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



39.6540, -5.2524, 4.6884



34.3460, 5.2524, -4.6884

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.



40.2540, 4.8048, -1.0998



39.6540, -5.2524, 4.6884



37.9000, 4.9793, -10.4363

Square

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



39.6540, -5.2524, 4.6884



37.9450, 0.0271, -8.7218



39.3350, 5.2578, -6.4328



40.7560, 0.1203, 8.1070

Rectangle

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



39.6540, -5.2524, 4.6884



38.7670, -3.3361, -3.3037



39.3350, 5.2578, -6.4328



40.9340, 3.4835, 2.6889

Sweetspot

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



39.6540, -5.2524, 4.6884



56.4410, -2.1894, 2.2442



34.4680, 0.2623, 9.2366



29.3700, -1.1684, 1.4295



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.6540, -5.2524, 4.6884



50.1660, -8.4628, 7.7474



42.5780, -6.6940, 0.3701



22.1850, -0.5842, 0.7148



57.7110, -28.4515, 25.6865



142.6440, -70.3235, 62.5792

Inverse Universe

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



34.3460, 5.2524, -4.6884



41.8340, 8.4628, -7.7474



31.4220, 6.6940, -0.3701



21.8150, 0.5842, -0.7148



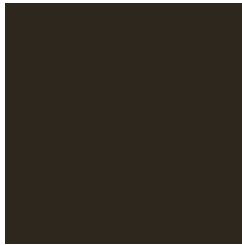
29.2890, 28.4515, -25.6865



71.3560, 70.3235, -62.5792

Previews

White Background



This preview shows how the YUV color 39.6540, -5.2524, 4.6884 looks on a white background.

Color Contrast Check

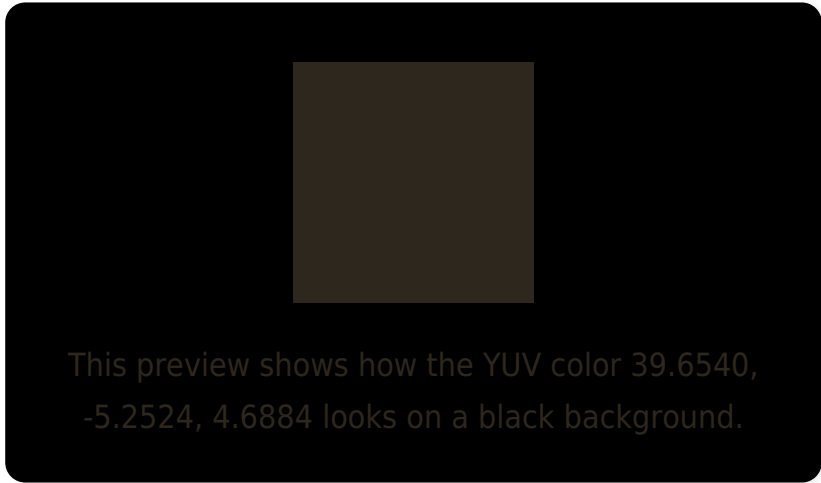
Large Text (above 18pt) WCAG AA ✓ Pass

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

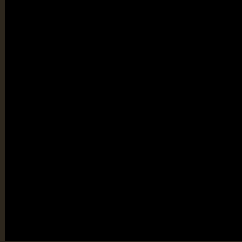
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6540, -5.2524, 4.6884

Background



This preview shows how black text looks on a background with the YUV color 39.6540, -5.2524, 4.6884.



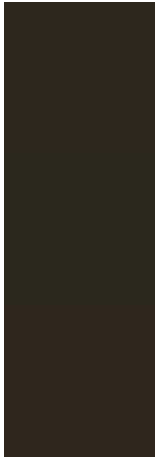
This preview shows how white text looks on a background with the YUV color 39.6540, -5.2524,

4.6884.

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

39.6540, -5.2524, 4.6884

Protanopia

39.6430, -5.2470, 2.9441

Deuteranopia

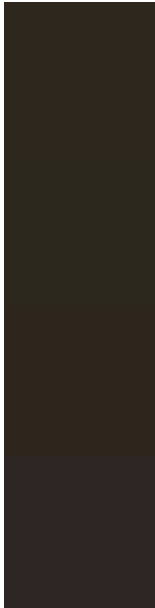
39.6650, -5.2578, 6.4328



Tritanopia

40.0330, -0.0163, 5.2331

Trichromacy



Original Color

39.6540, -5.2524, 4.6884

Protanomaly

39.9420, -5.3944, 3.5589

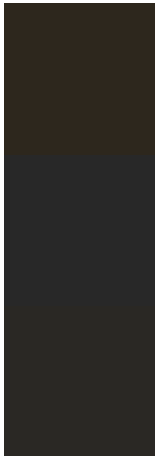
Deuteranomaly

39.3660, -5.1104, 5.8180

Tritanomaly

40.1640, -2.0529, 5.1182

Monochromacy



Original Color

39.6540, -5.2524, 4.6884

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6540, -5.2524, 4.6884 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(45, 39, 29)` looks like.

```
.text, #text, p{  
    color:rgb(45, 39, 29)  
}
```

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(45, 39, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 39, 29) }
```

Border

The CSS property to change the border of an element to YUV 39.6540, -5.2524, 4.6884 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(45, 39, 29) }
```


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

```
.border{ border-color:rgb(45, 39, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 39, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 39, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 39, 29);  
box-shadow:4px 4px 4px 4px rgb(45, 39, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6540, -5.2524, 4.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 39, 29) }
```

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

```
.background{ background-color: rgb(45, 39,  
29) }
```

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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