

Converting Colors

YUV(49.0360, -14.8077,
-10.5556)

Have a look what the booklet for
YUV(49.0360, -14.8077, -10.5556)
contains.

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Color

**YUV(49.0360, -14.8077,
-10.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	253D13
RGB	37, 61, 19
RGB Percent	15%, 24%, 7%
CMY	0.8549, 0.7608, 0.9255
CMYK	0.39, 0.00, 0.69, 0.76
HSL	94°, 53%, 16%
HSV	94°, 69%, 24%
XYZ	2.5492, 3.7778, 1.2109
YIQ	49.0360, -0.8220, -18.1500

Conversions

Conversions Part 2

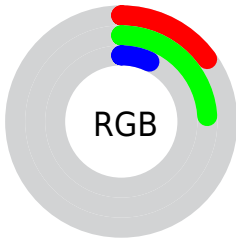
Format	Color
RYB	19, 61, 43
Decimal	2440467
CIELab	22.92, -18.10, 22.47
CIELCh	23, 28.852, 128.863
Yxy	3.7778, 0.3382, 0.5012
Android (android.graphics.Color)	4280630547 (0xFF253D13)
YUV	49.0360, -14.8077, -10.5556
Hunter-Lab	19.4366, -10.6027, 9.9118

Details

The YUV color **49.0360, -14.8077, -10.5556** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30.9640, 14.8077, 10.5556**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2810, -16.4075, -10.7704**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **47.4550, -16.9863, -11.8000**, and if you desaturate by 10%, it is **50.6170, -12.6292, -9.3111**.

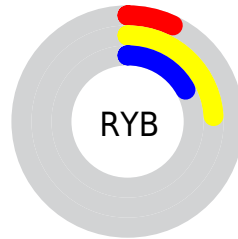
Distribution



Red (15%)

Green (24%)

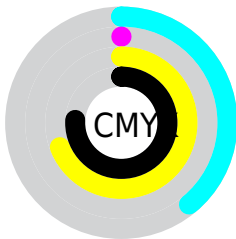
Blue (7%)



Red (7%)

Yellow (24%)

Blue (17%)

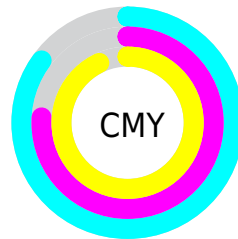


Cyan (39%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (85%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0360, -14.8077, -10.5556 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 49.0360, -14.8077, -10.5556 by changing the saturation by 10% instead.

■ 49.0360, -14.8077,
-10.5556

■ 49.0360, -14.8077,
-10.5556

■ 254.0880, -3.4944,
0.7998

■ 28.2750, -13.9396,
-9.0112

■ 96.2810, -16.4075,
-10.7704

■ 10.5660, -5.2090,
-9.2664

■ 121.1670,
-16.8443, -10.6705

■ 0.0000, 0.0000,
0.0000

■ 146.7540,
-17.1337, -11.1853


■ 173.5260,
-18.0073, -10.9853


■ 201.1130,
-18.2967, -11.5001


■ 229.5860,


-19.0229, -11.9149


 247.9060,
-14.2507, -2.5486


 49.0360, -14.8077,
-10.5556


 49.0360, -14.8077,
-10.5556


 47.4550, -16.9863,
-11.8000


 50.6170, -12.6292,
-9.3111


 45.5750, -19.0175,
-13.6593


 52.4970, -10.5980,
-7.4519

 43.9940, -21.1960,
-14.9037

 54.0780, -8.4195,
-6.2074

 43.5810, -21.4854,
-15.4185

 55.9580, -6.3883,
-4.3482

 57.5390, -4.2097,
-3.1037

■ 59.5330, -1.7418,
-1.3444

■ 61.1140, 0.4368,
-0.1000

■ 62.9940, 2.4680,
1.7593

■ 64.5750, 4.6465,
3.0037

Harmonies

Analogous

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



51.7240, -21.5559, 7.2581



49.0360, -14.8077, -10.5556



41.9000, -1.9227, -36.7463

Triad

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



49.0360, -14.8077, -10.5556



46.6370, 23.8430, -40.9006



54.2370, -2.5818, 34.8722

Complementary

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



49.0360, -14.8077, -10.5556



30.9640, 14.8077, 10.5556

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.



56.1140, 7.3388, 26.2100



49.0360, -14.8077, -10.5556



50.2200, 23.0625, -23.8719

Square

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



49.0360, -14.8077, -10.5556



46.8020, 16.8596, -41.0454



56.1700, 15.6922, 6.8669



53.9950, -12.3225, 32.4534

Rectangle

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



49.0360, -14.8077, -10.5556



44.1970, 4.3399, -38.7608



56.1700, 15.6922, 6.8669



54.4370, 0.7706, 32.9428

Sweetspot

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



49.0360, -14.8077, -10.5556



74.3710, -6.0989, -3.8334



45.6460, -13.1365, 13.4655



38.0660, -3.4835, -2.6889



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.0360, -14.8077, -10.5556



60.4130, -23.3746, -16.1482



43.9960, -10.8440, -21.9215



30.0600, -1.0156, -0.9296



67.1380, -33.0990, -23.8000



158.7190, -78.2485, -55.8816

Inverse Universe

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



30.9640, 14.8077, 10.5556



31.8860, 23.2272, 16.7630



36.0040, 10.8440, 21.9215



28.6410, 1.1630, 0.3148



26.8620, 33.0990, 23.8000



63.2810, 78.2485, 55.8816

Previews

White Background



This preview shows how the YUV color 49.0360, -14.8077, -10.5556 looks on a white background.

Color Contrast Check

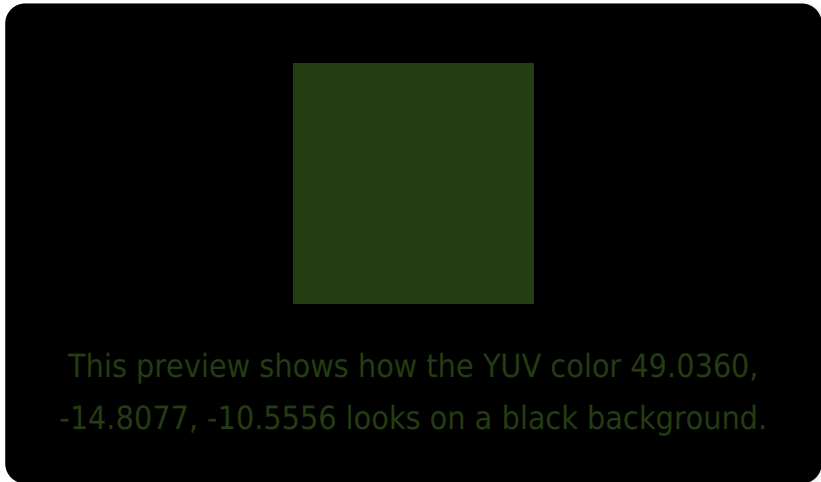
Large Text (above 18pt) WCAG AA ✓ Pass

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

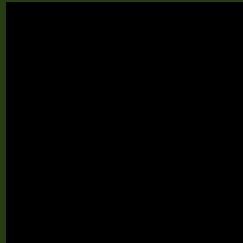
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0360, -14.8077, -10.5556

Background



This preview shows how black text looks on a background with the YUV color 49.0360, -14.8077, -10.5556.



This preview shows how white text looks on a background with the YUV color 49.0360, -14.8077, -10.5556.

-10.5556.

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

49.0360, -14.8077, -10.5556

Protanopia

52.4620, -17.4828, 7.4878

Deuteranopia

53.3640, -15.4625, 12.8358



Tritanopia

53.3840, 4.2477, -9.1068

Trichromacy



Original Color

49.0360, -14.8077, -10.5556

Protanomaly

51.0590, -16.2981, 0.8253

Deuteranomaly

51.7220, -15.1459, 4.6288

Tritanomaly

51.5490, -2.7357, -9.2515

Monochromacy



Original Color

49.0360, -14.8077, -10.5556

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8980, -5.3727, -3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0360, -14.8077, -10.5556 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(37, 61, 19)` looks like.

```
.text, #text, p{  
    color:rgb(37, 61, 19)  
}
```

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(37, 61, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 61, 19) }
```

Border

The CSS property to change the border of an element to YUV 49.0360, -14.8077, -10.5556 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(37, 61, 19) }
```


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

```
.border{ border-color:rgb(37, 61, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 61, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 61, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 61, 19);  
box-shadow:4px 4px 4px 4px rgb(37, 61, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0360, -14.8077, -10.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 61, 19) }
```

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

```
.background{ background-color: rgb(37, 61,  
19) }
```

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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