

Converting Colors

YUV(49.0150, 3.9366, -2.6442)

Have a look what the booklet for
YUV(49.0150, 3.9366, -2.6442)
contains.

YUV(49.0150, 3.9366, -2.6442)	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(49.0150, 3.9366,
-2.6442)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3139
RGB	46, 49, 57
RGB Percent	18%, 19%, 22%
CMY	0.8196, 0.8078, 0.7765
CMYK	0.19, 0.14, 0.00, 0.78
HSL	224°, 11%, 20%
HSV	224°, 19%, 22%
XYZ	2.9635, 3.0729, 4.3078
YIQ	49.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

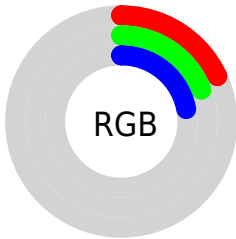
Format	Color
RYB	46, 48, 57
Decimal	3027257
CIELab	20.33, 0.76, -5.51
CIELCh	20, 5.558, 277.885
Yxy	3.0729, 0.2865, 0.2971
Android (android.graphics.Color)	4281217337 (0xFF2E3139)
YUV	49.0150, 3.9366, -2.6442
Hunter-Lab	17.5296, -0.4997, -2.2995

Details

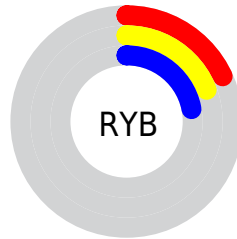
The YUV color **49.0150, 3.9366, -2.6442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.9850, -3.9366, 2.6442**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.1290, 4.3734, -2.7441**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **44.8730, 5.9786, -4.2736**, and if you desaturate by 10%, it is **53.1570, 1.8946, -1.0147**.

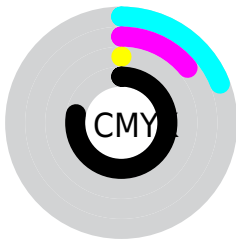
Distribution



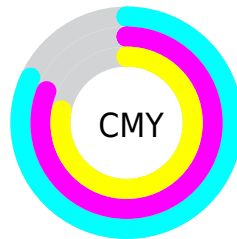
- Red (18%)
- Green (19%)
- Blue (22%)



- Red (18%)
- Yellow (19%)
- Blue (22%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0150, 3.9366, -2.6442 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 49.0150, 3.9366, -2.6442 by changing the saturation by 10% instead.

■ 49.0150, 3.9366,
-2.6442

■ 49.0150, 3.9366,
-2.6442

255.0000, 0.0000,
0.0000

■ 28.0150, 3.9366,
-2.6442

■ 95.1290, 4.3734,
-2.7441

■ 2.1830, 5.8258,
-1.9145

■ 119.8300, 4.5208,
-3.3589

■ 0.0000, 0.0000,
0.0000

■ 145.2430, 4.8102,
-2.8441

■ 172.2430, 4.8102,
-2.8441

■ 199.2430, 4.8102,
-2.8441

■ 227.3570, 5.2470,

-2.9441

254.1030, 0.4422,
-1.8443

■ 49.0150, 3.9366,
-2.6442

■ 49.0150, 3.9366,
-2.6442

■ 44.8730, 5.9786,
-4.2736

■ 53.1570, 1.8946,
-1.0147

■ 41.0300, 7.8732,
-5.2883

■ 57.0000, 0.0000,
0.0000

■ 36.8880, 9.9152,
-6.9178

■ 61.1420, -2.0420,
1.6295

■ 32.1590, 12.2466,
-8.0324

■ 65.8710, -4.3734,
2.7441

■ 28.0170, 14.2886,
-9.6619

■ 69.7140, -6.2680,
3.7588

■ 24.1740, 16.1832,
-10.6766

■ 73.8560, -8.3100,
5.3883

■ 20.0320, 18.2252,
-12.3061

■ 77.9980, -10.3520,
7.0178

■ 15.8900, 20.2672,
-13.9355

■ 82.1400, -12.3940,
8.6472

■ 85.9830, -14.2886,
9.6619

Harmonies

Analogous

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



47.9930, 3.9475, -6.1329



49.0150, 3.9366, -2.6442



49.6950, 2.6154, 1.1445

Triad

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



49.0150, 3.9366, -2.6442



49.6480, -2.7845, 6.4477



47.7390, -0.8573, -5.0331

Complementary

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



49.0150, 3.9366, -2.6442



53.9850, -3.9366, 2.6442

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.



48.3050, -2.6154, -1.1445



49.0150, 3.9366, -2.6442



49.4090, -3.6526, 4.9033

Square

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



49.0150, 3.9366, -2.6442



49.8160, -0.8953, 7.1774



48.6860, -3.7892, 2.0294



47.2980, 1.3321, -7.2773

Rectangle

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



49.0150, 3.9366, -2.6442



49.7770, 1.5889, 3.7036



48.6860, -3.7892, 2.0294



48.2230, -1.5889, -3.7036

Sweetspot

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



49.0150, 3.9366, -2.6442



71.0430, 1.4578, -0.9147



53.3690, 0.3111, -6.4626



36.2280, 0.8736, -0.2000



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



49.0150, 3.9366, -2.6442



61.8730, 5.9786, -4.2736



47.8520, 4.5100, 0.1298



25.9290, 1.0210, -0.8147



25.1630, 32.9506, -22.0680



60.1860, 78.2953, -52.7831

Inverse Universe

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



49.6310, -0.3111, 6.4626



62.6530, -0.3219, 9.9513



55.1480, -4.5100, -0.1298



26.0110, -0.0054, 1.7444



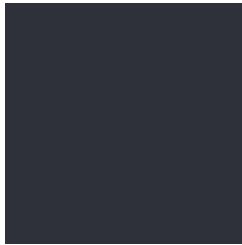
30.3580, -2.6415, 54.0600



72.3210, -6.0743, 128.6375

Previews

White Background



This preview shows how the YUV color 49.0150, 3.9366, -2.6442 looks on a white background.

Color Contrast Check

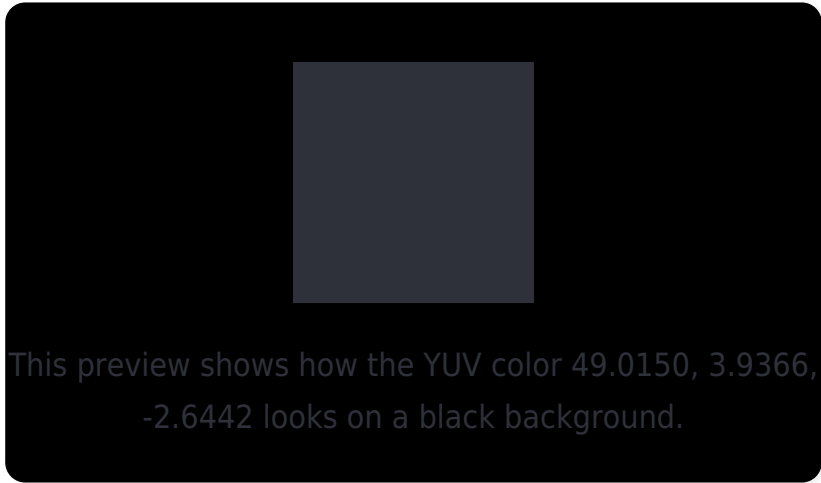
Large Text (above 18pt) WCAG AA ✓ Pass

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

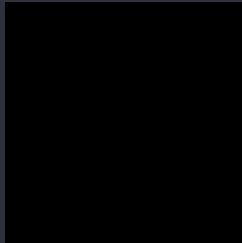
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

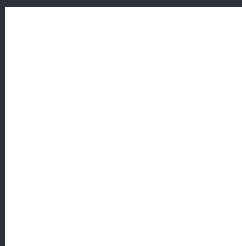
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.0150, 3.9366, -2.6442

Background



This preview shows how black text looks on a background with the YUV color 49.0150, 3.9366, -2.6442.



This preview shows how white text looks on a background with the YUV color 49.0150, 3.9366, -2.6442.

-2.6442.

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

49.0150, 3.9366, -2.6442

Protanopia

49.6130, 3.6418, -1.4146

Deuteranopia

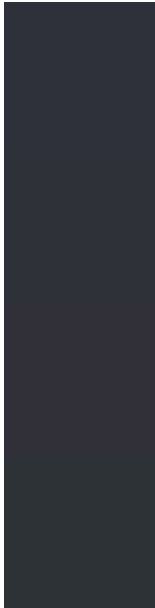
49.6240, 3.6364, 0.3298



Tritanopia

48.9610, 2.4842, -3.4738

Trichromacy



Original Color

49.0150, 3.9366, -2.6442

Protanomaly

49.3140, 3.7892, -2.0294

Deuteranomaly

49.3250, 3.7838, -0.2850

Tritanomaly

49.0750, 2.9210, -3.5738

Monochromacy



Original Color

49.0150, 3.9366, -2.6442

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0150, 3.9366, -2.6442 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(46, 49, 57)` looks like.

```
.text, #text, p{  
    color:rgb(46, 49, 57)  
}
```

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(46, 49, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 49, 57) }
```

Border

The CSS property to change the border of an element to YUV 49.0150, 3.9366, -2.6442 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(46, 49, 57) }
```


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

```
.border{ border-color:rgb(46, 49, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 49, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 49, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 49, 57);  
box-shadow:4px 4px 4px 4px rgb(46, 49, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0150, 3.9366, -2.6442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 49, 57) }
```

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

```
.background{ background-color: rgb(46, 49,  
57) }
```

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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