

Converting Colors

YUV(55.1240, 1.9109, -6.2477)

Have a look what the booklet for
YUV(55.1240, 1.9109, -6.2477)
contains.

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Color

**YUV(55.1240, 1.9109,
-6.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	303A3B
RGB	48, 58, 59
RGB Percent	19%, 23%, 23%
CMY	0.8118, 0.7725, 0.7686
CMYK	0.19, 0.02, 0.00, 0.77
HSL	185°, 10%, 21%
HSV	185°, 19%, 23%
XYZ	3.5214, 3.9703, 4.7184
YIQ	55.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

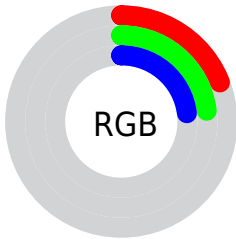
Format	Color
RYB	48, 53, 59
Decimal	3160635
CIELab	23.57, -3.89, -2.02
CIELCh	24, 4.382, 207.456
Yxy	3.9703, 0.2884, 0.3252
Android (android.graphics.Color)	4281350715 (0xFF303A3B)
YUV	55.1240, 1.9109, -6.2477
Hunter-Lab	19.9255, -3.3237, -0.0922

Details

The YUV color **55.1240, 1.9109, -6.2477** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.8760, -1.9109, 6.2477**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8250, 2.0583, -6.8625**, and **11.0420, 2.9373, -8.8068** is the 20% darker color. If you saturate the color by 10%, you get **52.7430, 3.0847, -9.4216**, and if you desaturate by 10%, it is **57.5050, 0.7370, -3.0739**.

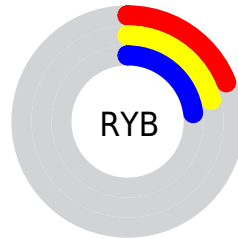
Distribution



Red (19%)

Green (23%)

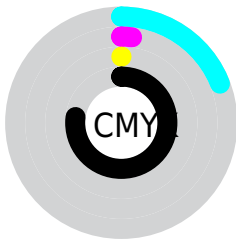
Blue (23%)



Red (19%)

Yellow (21%)

Blue (23%)

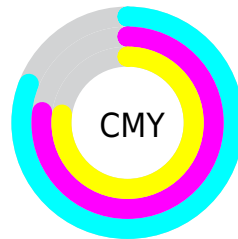


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1240, 1.9109, -6.2477 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 55.1240, 1.9109, -6.2477 by changing the saturation by 10% instead.

■ 55.1240, 1.9109,
-6.2477

■ 55.1240, 1.9109,
-6.2477

255.0000, 0.0000,
0.0000

■ 33.4230, 1.7635,
-5.6330

■ 101.8250, 2.0583,
-6.8625

■ 11.0420, 2.9373,
-8.8068

■ 126.8250, 2.0583,
-6.8625

■ 0.0000, 0.0000,
0.0000

■ 152.8250, 2.0583,
-6.8625

■ 179.5260, 2.2057,
-7.4773

■ 207.2270, 2.3531,
-8.0921

■ 235.5260, 2.2057,

-7.4773

■ 55.1240, 1.9109,
-6.2477

■ 55.1240, 1.9109,
-6.2477

■ 52.7430, 3.0847,
-9.4216

■ 57.5050, 0.7370,
-3.0739

■ 50.9490, 3.9691,
-13.1103

■ 59.2990, -0.1474,
0.6148

■ 48.5680, 5.1430,
-16.2841

■ 61.6800, -1.3212,
3.7886

■ 46.7740, 6.0274,
-19.9728

■ 63.4740, -2.2057,
7.4773

■ 44.3930, 7.2013,
-23.1467

■ 65.8550, -3.3795,
10.6512

■ 42.8980, 7.9383,
-26.2205

■ 67.3500, -4.1165,
13.7251

■ 40.5170, 9.1121,
-29.3944

■ 69.7310, -5.2904,
16.8989

■ 38.7230, 9.9966,
-33.0831

■ 71.5250, -6.1748,
20.5876

■ 38.4240, 10.1440,
-33.6978

■ 73.9060, -7.3487,
23.7614

Harmonies

Analogous

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



55.0810, 0.4531, -5.3330



55.1240, 1.9109, -6.2477



55.1780, 3.3632, -5.4181

Triad

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



55.1240, 1.9109, -6.2477



56.4780, 1.7363, 3.0888



56.2130, -3.0630, 2.4442

Complementary

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



55.1240, 1.9109, -6.2477



51.8760, -1.9109, 6.2477

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.



56.6370, -2.7790, 4.7034



55.1240, 1.9109, -6.2477



57.0330, -0.0163, 5.2331

Square

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



55.1240, 1.9109, -6.2477



56.0970, 2.9102, -0.0851



56.5770, -1.7635, 5.6330



55.9030, -2.9102, 0.0851

Rectangle

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



55.1240, 1.9109, -6.2477



55.7760, 3.0684, -4.1886



56.5770, -1.7635, 5.6330



55.9250, -2.9210, 3.5738

Sweetspot

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



55.1240, 1.9109, -6.2477



74.9180, 1.0264, -2.5591



54.5710, -2.7465, -5.7628



37.4020, 0.2948, -1.2296



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.



55.1240, 1.9109, -6.2477



70.7430, 3.0847, -9.4216



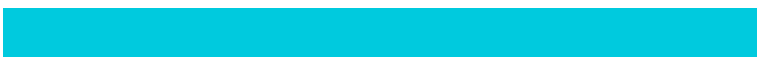
52.1890, 3.3578, -3.6738



29.5160, 0.7316, -1.3295



61.1980, 16.1714, -53.6706



143.8820, 38.5122, -126.1845

Inverse Universe

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



52.4290, 2.7465, 5.7628



66.7930, 4.0461, 8.9515



54.8110, -3.3578, 3.6738



29.1250, 0.4314, 1.6444



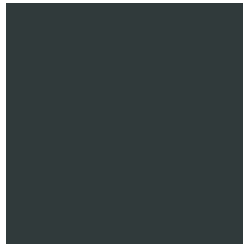
37.9100, 23.7084, 49.1909



89.4060, 55.5088, 116.2849

Previews

White Background



This preview shows how the YUV color 55.1240, 1.9109, -6.2477 looks on a white background.

Color Contrast Check

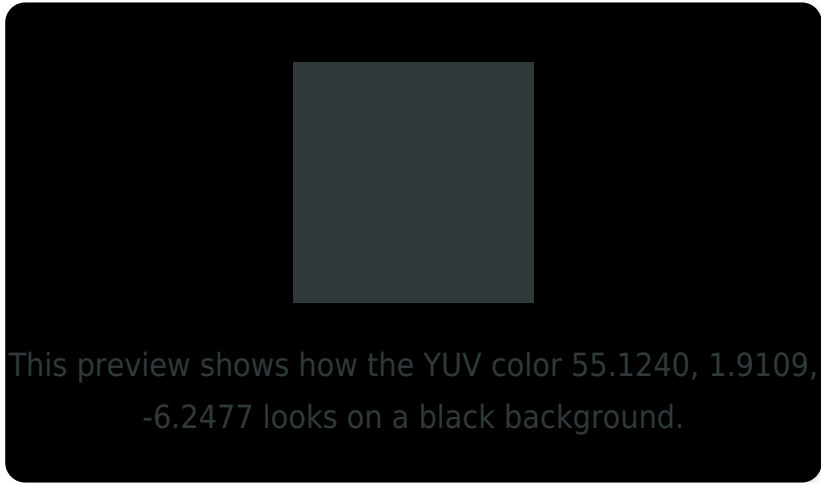
Large Text (above 18pt) WCAG AA ✓ Pass

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

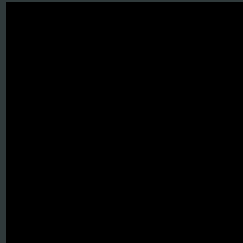
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.1240, 1.9109, -6.2477

Background



This preview shows how black text looks on a background with the YUV color 55.1240, 1.9109, -6.2477.



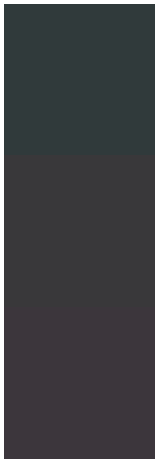
This preview shows how white text looks on a background with the YUV color 55.1240, 1.9109, -6.2477.

-6.2477.

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

55.1240, 1.9109, -6.2477

Protanopia

56.5270, 0.7262, 0.4148

Deuteranopia

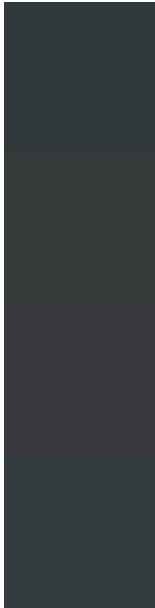
56.4780, 1.7363, 3.0888



Tritanopia

55.7650, 3.0739, -5.9329

Trichromacy



Original Color

55.1240, 1.9109, -6.2477

Protanomaly

56.2170, 0.8790, -1.9443

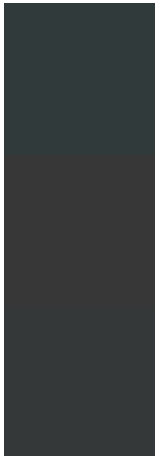
Deuteranomaly

55.8690, 2.0366, 0.1149

Tritanomaly

55.6510, 2.6371, -5.8329

Monochromacy



Original Color

55.1240, 1.9109, -6.2477

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1240, 1.9109, -6.2477 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(48, 58, 59)` looks like.

```
.text, #text, p{  
    color:rgb(48, 58, 59)  
}
```

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(48, 58, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 58, 59) }
```

Border

The CSS property to change the border of an element to YUV 55.1240, 1.9109, -6.2477 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(48, 58, 59) }
```


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

```
.border{ border-color:rgb(48, 58, 59) }
```

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

Here you see how a box with a 4 pixel rgb(48, 58, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 58, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 58, 59);  
box-shadow:4px 4px 4px 4px rgb(48, 58, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1240, 1.9109, -6.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 58, 59) }
```

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

```
.background{ background-color: rgb(48, 58,  
59) }
```

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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