

Converting Colors

YUV(55.9900, 11.8369,
-16.6542)

Have a look what the booklet for
YUV(55.9900, 11.8369, -16.6542)
contains.

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Color

**YUV(55.9900, 11.8369,
-16.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	253D50
RGB	37, 61, 80
RGB Percent	15%, 24%, 31%
CMY	0.8549, 0.7608, 0.6863
CMYK	0.54, 0.24, 0.00, 0.69
HSL	207°, 37%, 23%
HSV	207°, 54%, 31%
XYZ	3.8797, 4.3100, 8.2168
YIQ	55.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

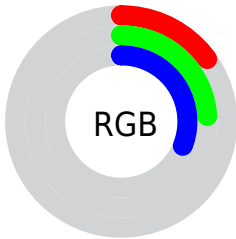
Format	Color
R _Y B	37, 52, 80
Decimal	2440528
CIE Lab	24.67, -3.15, -14.40
CIE LCh	25, 14.736, 257.658
Yxy	4.3100, 0.2365, 0.2627
Android (android.graphics.Color)	4280630608 (0xFF253D50)
YUV	55.9900, 11.8369, -16.6542
Hunter-Lab	20.7605, -2.9734, -8.9342

Details

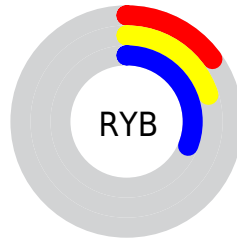
The YUV color **55.9900, 11.8369, -16.6542** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.0100, -11.8369, 16.6542**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.5170, 12.5631, -16.2394**, and **15.1430, 9.7895, -13.2804** is the 20% darker color. If you saturate the color by 10%, you get **51.2500, 14.1738, -19.5132**, and if you desaturate by 10%, it is **60.7300, 9.5001, -13.7952**.

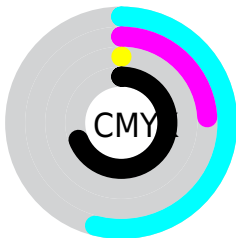
Distribution



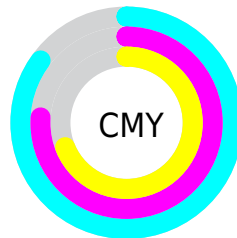
- Red (15%)
- Green (24%)
- Blue (31%)



- Red (15%)
- Yellow (20%)
- Blue (31%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9900, 11.8369, -16.6542 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 55.9900, 11.8369, -16.6542 by changing the saturation by 10% instead.

■ 55.9900, 11.8369,
-16.6542

■ 55.9900, 11.8369,
-16.6542

■ 255.0000, 0.0000,
0.0000

■ 33.2780, 11.6949,
-17.7838

■ 103.5170, 12.5631,
-16.2394

■ 15.1430, 9.7895,
-13.2804

■ 129.2180, 12.7105,
-16.8542

■ 1.3680, 5.2416,
-1.1997

■ 155.3320, 13.1473,
-16.9542

■ 0.0000, 0.0000,
0.0000

■ 182.4460, 13.5841,
-17.0541

■ 209.5600, 14.0209,
-17.1541

■ 236.8930, 8.9268,

-16.5692

■ 252.6080, 1.1793,
-4.9182

■ 55.9900, 11.8369,
-16.6542

■ 55.9900, 11.8369,
-16.6542

■ 51.2500, 14.1738,
-19.5132

■ 60.7300, 9.5001,
-13.7952

■ 47.0970, 16.2212,
-22.8871

■ 64.8830, 7.4527,
-10.4214

■ 42.3570, 18.5580,
-25.7461

■ 69.6230, 5.1159,
-7.5624

■ 38.2040, 20.6054,
-29.1199

■ 73.7760, 3.0684,
-4.1886

■ 35.5350, 21.9212,
-31.1642

■ 78.5160, 0.7316,
-1.3295

■ 82.6690, -1.3158,
2.0443

■ 87.4090, -3.6526,
4.9033

■ 91.5620, -5.7001,
8.2771

■ 96.3020, -8.0369,
11.1361

Harmonies

Analogous

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



53.2940, 10.7011, -25.6908



55.9900, 11.8369, -16.6542



58.7250, 10.4886, -4.1438

Triad

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



55.9900, 11.8369, -16.6542



59.4970, -3.6960, 18.8581



55.9360, -6.3774, -7.8369

Complementary

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



55.9900, 11.8369, -16.6542



61.0100, -11.8369, 16.6542

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.



57.3780, -10.0464, 2.2995



55.9900, 11.8369, -16.6542



59.3350, -8.0532, 16.3692

Square

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



55.9900, 11.8369, -16.6542



60.5550, 1.6984, 15.2993



58.0200, -10.3629, 10.5065



53.7760, -0.3826, -17.3436

Rectangle

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



55.9900, 11.8369, -16.6542



60.0850, 7.8461, 3.4335



58.0200, -10.3629, 10.5065



56.3170, -7.5513, -4.6630

Sweetspot

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



55.9900, 11.8369, -16.6542



95.2210, 4.8210, -6.3328



64.4070, -4.1447, -24.0359



47.7760, 3.0684, -4.1886



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



55.9900, 11.8369, -16.6542



67.0580, 18.7054, -26.3609



43.6630, 17.9141, -5.8435



38.6300, 1.1684, -1.4295



46.0160, 29.0791, -40.3560



102.7580, 63.7163, -90.1188

Inverse Universe

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



52.5930, 4.1447, 24.0359



61.6640, 6.5746, 38.0057



73.3370, -17.9141, 5.8435



38.4240, 0.2840, 2.2592



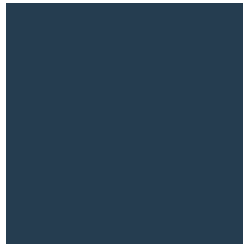
38.0070, 9.8565, 58.7529



84.1880, 22.5853, 129.6311

Previews

White Background



This preview shows how the YUV color 55.9900, 11.8369, -16.6542 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



This preview shows how the YUV color 55.9900, 11.8369, -16.6542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

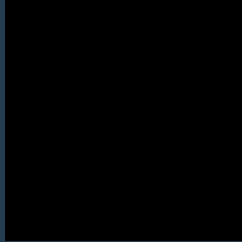
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

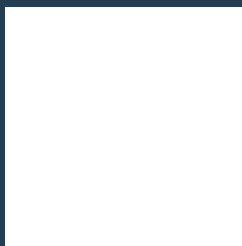
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 55.9900, 11.8369, -16.6542

Background



This preview shows how black text looks on a background with the YUV color 55.9900, 11.8369, -16.6542.



This preview shows how white text looks on a background with the YUV color 55.9900, 11.8369,

-16.6542.

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

55.9900, 11.8369, -16.6542

Protanopia

58.7850, 9.4730, -5.0734

Deuteranopia

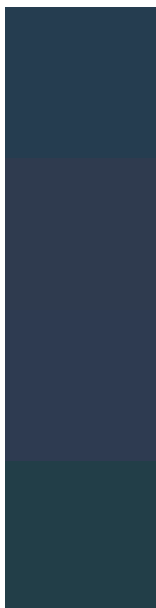
58.5290, 11.0782, -6.6029



Tritanopia

54.6000, 6.6062, -18.9432

Trichromacy



Original Color

55.9900, 11.8369, -16.6542

Protanomaly

57.6920, 10.5048, -9.3769

Deuteranomaly

57.6210, 11.5258, -10.1916

Tritanomaly

54.7680, 8.4954, -18.2135

Monochromacy



Original Color

55.9900, 11.8369, -16.6542

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9900, 11.8369, -16.6542 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, 80)` looks like.

```
.text, #text, p{  
    color:rgb(37, 61, 80)  
}
```

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, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 61, 80) }
```

Border

The CSS property to change the border of an element to YUV 55.9900, 11.8369, -16.6542 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, 80) }
```


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

```
.border{ border-color:rgb(37, 61, 80) }
```

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, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 61, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 61, 80);  
box-shadow:4px 4px 4px 4px rgb(37, 61, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.9900, 11.8369, -16.6542 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, 80) }
```

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

```
.background{ background-color: rgb(37, 61,  
80) }
```

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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