

# Converting Colors

YUV(55.0780, 8.3425, -15.8544)

Have a look what the booklet for  
YUV(55.0780, 8.3425, -15.8544)  
contains.

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# Color

**YUV(55.0780, 8.3425,  
-15.8544)**

# Conversions

## Conversions Part 1

Format	Color
Hex	253D48
RGB	37, 61, 72
RGB Percent	15%, 24%, 28%
CMY	0.8549, 0.7608, 0.7176
CMYK	0.49, 0.15, 0.00, 0.72
HSL	199°, 32%, 21%
HSV	199°, 49%, 28%
XYZ	3.6014, 4.1987, 6.7515
YIQ	55.0780, -17.8350, -1.6670

# Conversions

## Conversions Part 2

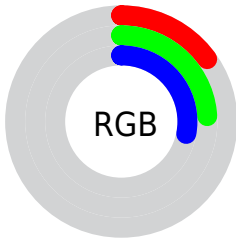
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 51, 72
Decimal	2440520
CIE Lab	24.32, -5.85, -9.65
CIE LCh	24, 11.280, 238.787
Yxy	4.1987, 0.2475, 0.2885
Android (android.graphics.Color)	4280630600 (0xFF253D48)
YUV	55.0780, 8.3425, -15.8544
Hunter-Lab	20.4907, -4.4860, -5.1921

# Details

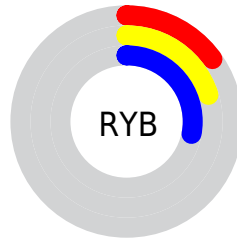
The YUV color **55.0780, 8.3425, -15.8544** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.9220, -8.3425, 15.8544**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1920, 8.7793, -15.9544**, and **14.4590, 7.1687, -12.6805** is the 20% darker color. If you saturate the color by 10%, you get **51.8110, 9.9532, -19.1282**, and if you desaturate by 10%, it is **58.3450, 6.7319, -12.5806**.

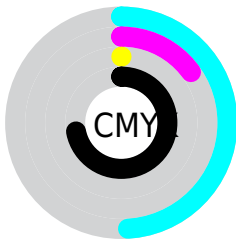
# Distribution



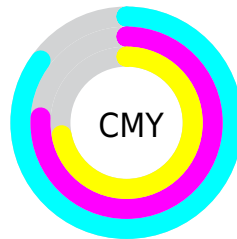
- Red (15%)
- Green (24%)
- Blue (28%)



- Red (15%)
- Yellow (20%)
- Blue (28%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (76%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.0780, 8.3425, -15.8544 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 55.0780, 8.3425, -15.8544 by changing the saturation by 10% instead.



■ 55.0780, 8.3425,  
-15.8544

■ 55.0780, 8.3425,  
-15.8544

■ 255.0000, 0.0000,  
0.0000

■ 32.7790, 8.4900,  
-16.4692

■ 102.1920, 8.7793,  
-15.9544

■ 14.4590, 7.1687,  
-12.6805

■ 127.8930, 8.9268,  
-16.5692

■ 0.0000, 0.0000,  
0.0000

■ 154.0070, 9.3635,  
-16.6691

■ 180.7080, 9.5110,  
-17.2839

■ 207.8220, 9.9478,  
-17.3839

■ 236.2950, 9.2216,

-17.7987

252.0100, 1.4741,  
-6.1478

55.0780, 8.3425,  
-15.8544

55.0780, 8.3425,  
-15.8544

51.8110, 9.9532,  
-19.1282

58.3450, 6.7319,  
-12.5806

47.9570, 11.8532,  
-21.8873

62.1990, 4.8319,  
-9.8215

44.3910, 13.6112,  
-25.7759

65.7650, 3.0739,  
-5.9329

41.1240, 15.2219,  
-29.0497

69.0320, 1.4632,  
-2.6591

37.8570, 16.8325,  
-32.3236

72.2990, -0.1474,  
0.6148

■ 36.9710, 17.2693,  
-32.4236

■ 76.1530, -2.0474,  
3.3738

■ 79.4200, -3.6581,  
6.6477

■ 82.9860, -5.4161,  
10.5363

■ 86.2530, -7.0267,  
13.8101

# Harmonies

## Analogous

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



53.7850, 6.0220, -18.2284



55.0780, 8.3425, -15.8544



57.2360, 8.7577, -8.9770

# Triad

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



55.0780, 8.3425, -15.8544



59.2620, -0.6222, 12.9252



56.5670, -6.6885, -1.3743

# Complementary

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



55.0780, 8.3425, -15.8544



53.9220, -8.3425, 15.8544

# 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.



57.2690, -8.0206, 5.9031



55.0780, 8.3425, -15.8544



58.6490, -4.2640, 14.3398

# Square

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



55.0780, 8.3425, -15.8544



59.0810, 3.9041, 7.8220



57.9430, -6.8739, 11.4510



55.7340, -3.3199, -8.5367



# Rectangle

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



55.0780, 8.3425, -15.8544



58.3400, 7.7204, -2.9292



57.9430, -6.8739, 11.4510



56.7630, -7.2782, 1.0848

# Sweetspot

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



55.0780, 8.3425, -15.8544



87.4660, 3.2213, -6.5477



58.7990, -5.3239, -19.1177



44.4340, 1.7580, -3.8886



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



55.0780, 8.3425, -15.8544



67.8750, 12.8796, -24.4464



45.0990, 13.2622, -7.1028



34.2170, 0.8790, -1.9443



51.2020, 23.5644, -44.9042



117.4500, 54.0082, -103.0036



# Inverse Universe

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



50.2010, 5.3239, 19.1177



60.3640, 8.2015, 29.4988



63.9010, -13.2622, 7.1028



33.5380, 0.7208, 2.1592



37.3530, 15.1090, 54.0644

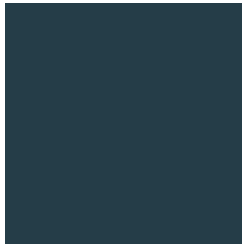


85.6570, 34.6791, 123.9578



# Previews

## White Background



This preview shows how the YUV color 55.0780, 8.3425, -15.8544 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

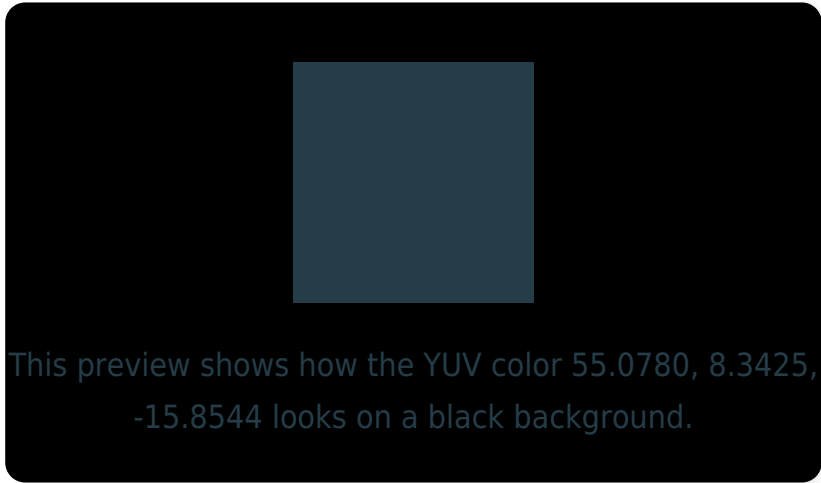
Any Text WCAG AA ✓ Pass

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

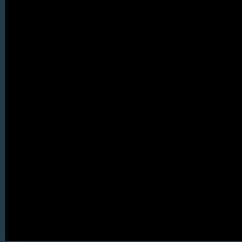
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

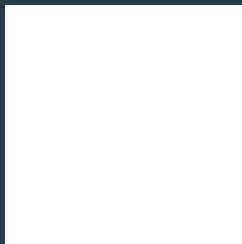
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 55.0780, 8.3425, -15.8544

## Background



This preview shows how black text looks on a background with the YUV color 55.0780, 8.3425, -15.8544.



This preview shows how white text looks on a background with the YUV color 55.0780, 8.3425, -15.8544.

-15.8544.

# 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

55.0780, 8.3425, -15.8544

### Protanopia

57.7700, 5.5364, -2.4293

### Deuteranopia

58.2260, 7.2836, -2.8292



## Tritanopia

54.4970, 6.1640, -17.0989

# Trichromacy



## Original Color

55.0780, 8.3425, -15.8544

## Protanomaly

56.3780, 6.7156, -7.3475

## Deuteranomaly

56.7200, 8.0260, -7.6474

## Tritanomaly

55.0240, 6.8902, -16.6840

# Monochromacy



## Original Color

55.0780, 8.3425, -15.8544

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.7650, 3.0739, -5.9329

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.0780, 8.3425, -15.8544 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(37, 61, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 61, 72) }
```

## Border

The CSS property to change the border of an element to YUV 55.0780, 8.3425, -15.8544 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, 72) }
```



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

```
.border{ border-color:rgb(37, 61, 72) }
```

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, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 61, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 61, 72);  
box-shadow:4px 4px 4px 4px rgb(37, 61, 72)  
}
```

# Background

The CSS property to change the background color of an element to YUV 55.0780, 8.3425, -15.8544 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, 72) }
```

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

```
.background{ background-color: rgb(37, 61,  
72) }
```

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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