

Converting Colors

YUV(55.6780, 5.0887, 1.1594)

Have a look what the booklet for
YUV(55.6780, 5.0887, 1.1594)
contains.

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Color

**YUV(55.6780, 5.0887,
1.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	393542
RGB	57, 53, 66
RGB Percent	22%, 21%, 26%
CMY	0.7765, 0.7922, 0.7412
CMYK	0.14, 0.20, 0.00, 0.74
HSL	258°, 11%, 23%
HSV	258°, 20%, 26%
XYZ	3.9438, 3.8094, 5.6817
YIQ	55.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

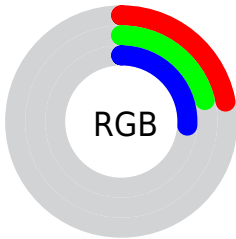
Format	Color
R_{YB}	57, 53, 66
Decimal	3749186
CIE Lab	23.03, 4.86, -7.44
CIE LCh	23, 8.890, 303.158
Yxy	3.8094, 0.2935, 0.2835
Android (android.graphics.Color)	4281939266 (0xFF393542)
YUV	55.6780, 5.0887, 1.1594
Hunter-Lab	19.5177, 1.9123, -3.5972

Details

The YUV color **55.6780, 5.0887, 1.1594** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.3220, -5.0887, -1.1594**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7920, 5.5255, 1.0594**, and **11.9170, 5.9569, 2.7038** is the 20% darker color. If you saturate the color by 10%, you get **50.0740, 7.8515, 1.6891**, and if you desaturate by 10%, it is **61.2820, 2.3260, 0.6297**.

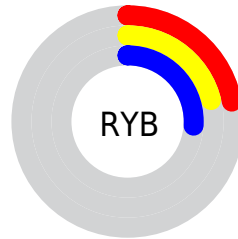
Distribution



Red (22%)

Green (21%)

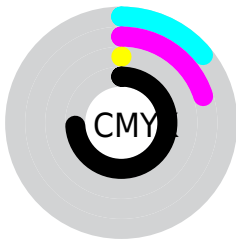
Blue (26%)



Red (22%)

Yellow (21%)

Blue (26%)

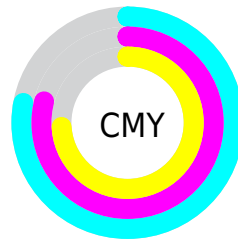


Cyan (14%)

Magenta (20%)

Yellow (0%)

Black (74%)



Cyan (78%)

Magenta (79%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6780, 5.0887, 1.1594 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 55.6780, 5.0887, 1.1594 by changing the saturation by 10% instead.

■ 55.6780, 5.0887,
1.1594

■ 55.6780, 5.0887,
1.1594

■ 255.0000, 0.0000,
0.0000

■ 34.2650, 4.7994,
0.6446

■ 102.7920, 5.5255,
1.0594

■ 11.9170, 5.9569,
2.7038

■ 127.2050, 5.8149,
1.5742

■ 0.0000, 0.0000,
0.0000

■ 153.3190, 6.2517,
1.4742

■ 180.3190, 6.2517,
1.4742

■ 207.7320, 6.5411,
1.9890

■ 236.3190, 6.2517,

1.4742

■ 55.6780, 5.0887,
1.1594

■ 55.6780, 5.0887,
1.1594

■ 50.0740, 7.8515,
1.6891

■ 61.2820, 2.3260,
0.6297

■ 45.3560, 10.1775,
2.3188

■ 66.0000, 0.0000,
0.0000

■ 39.7520, 12.9403,
2.8485

■ 71.6040, -2.7628,
-0.5297

■ 35.0340, 15.2662,
3.4782

■ 76.3220, -5.0887,
-1.1594

■ 29.4300, 18.0290,
4.0079

■ 81.9260, -7.8515,
-1.6891

■ 24.1250, 20.6444,
5.1524

■ 87.2310, -10.4669,
-2.8336

■ 19.1080, 23.1178,
5.1673

■ 92.2480, -12.9403,
-2.8485

■ 13.5040, 25.8805,
5.6970

■ 97.8520, -15.7030,
-3.3782

■ 102.5700,
-18.0290, -4.0079

Harmonies

Analogous

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



54.3890, 6.7102, -5.6032



55.6780, 5.0887, 1.1594



56.0270, 2.4517, 6.9923

Triad

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



55.6780, 5.0887, 1.1594



55.4480, -6.1369, 8.3771



52.5640, 1.2009, -11.8956

Complementary

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



55.6780, 5.0887, 1.1594



63.3220, -5.0887, -1.1594

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.



53.0870, -2.0149, -7.0923



55.6780, 5.0887, 1.1594



54.7140, -6.2680, 3.7588

Square

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



55.6780, 5.0887, 1.1594



55.7410, -3.8163, 10.7511



54.0230, -4.9413, -1.7742



52.1770, 4.8427, -13.3102

Rectangle

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



55.6780, 5.0887, 1.1594



55.8810, 0.5517, 9.7514



54.0230, -4.9413, -1.7742



52.6350, 0.1799, -11.0809

Sweetspot

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



55.6780, 5.0887, 1.1594



82.2820, 2.3260, 0.6297



59.7650, 3.0739, -5.9329



40.6410, 1.1630, 0.3148



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.6780, 5.0887, 1.1594



70.1880, 8.2883, 1.5891



57.4720, 4.2043, 4.8481



30.6410, 1.1630, 0.3148



20.0280, 37.9472, 8.7454



46.1670, 87.6717, 20.0245

Inverse Universe

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



57.9130, 2.0149, 7.0923



73.8750, 3.0196, 11.5106



61.5280, -4.2043, -4.8481



31.1250, 0.4314, 1.6444



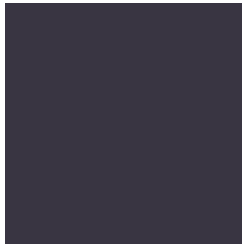
36.6410, 14.9670, 52.9348



84.6460, 34.6845, 122.2135

Previews

White Background



This preview shows how the YUV color 55.6780, 5.0887, 1.1594 looks on a white background.

Color Contrast Check

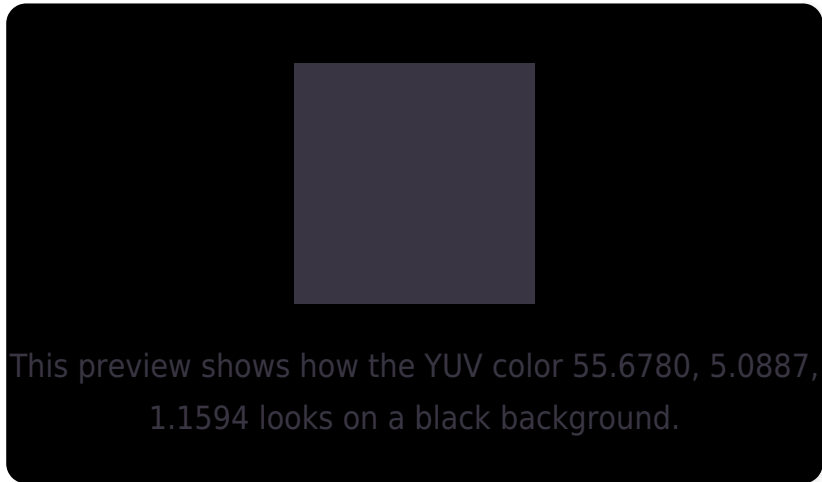
Large Text (above 18pt) WCAG AA ✓ Pass

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

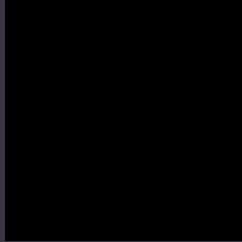
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6780, 5.0887, 1.1594

Background



This preview shows how black text looks on a background with the YUV color 55.6780, 5.0887, 1.1594.

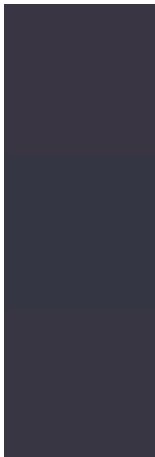


This preview shows how white text looks on a background with the YUV color 55.6780, 5.0887,

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

55.6780, 5.0887, 1.1594

Protanopia

54.8840, 5.9732, -2.5293

Deuteranopia

55.6670, 5.0942, -0.5850



Tritanopia

55.1680, 1.8892, 0.7297

Trichromacy



Original Color

55.6780, 5.0887, 1.1594

Protanomaly

55.4820, 5.6784, -1.2997

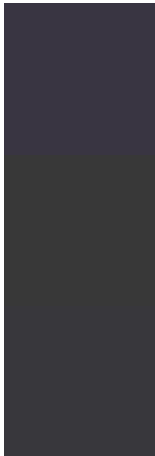
Deuteranomaly

55.9660, 4.9468, 0.0298

Tritanomaly

55.5100, 3.1996, 0.4297

Monochromacy



Original Color

55.6780, 5.0887, 1.1594

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6780, 5.0887, 1.1594 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(57, 53, 66)` looks like.

```
.text, #text, p{  
    color:rgb(57, 53, 66)  
}
```

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(57, 53, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 53, 66) }
```

Border

The CSS property to change the border of an element to YUV 55.6780, 5.0887, 1.1594 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(57, 53, 66) }
```


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

```
.border{ border-color:rgb(57, 53, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 53, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 53, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 53, 66);  
box-shadow:4px 4px 4px 4px rgb(57, 53, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6780, 5.0887, 1.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 53, 66) }
```

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

```
.background{ background-color: rgb(57, 53,  
66) }
```

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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