

Converting Colors

YUV(55.6240, 3.6364, 0.3298)

Have a look what the booklet for
YUV(55.6240, 3.6364, 0.3298)
contains.

YUV(55.6240, 3.6364, 0.3298)	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(55.6240, 3.6364,
0.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	38363F
RGB	56, 54, 63
RGB Percent	22%, 21%, 25%
CMY	0.7804, 0.7882, 0.7529
CMYK	0.11, 0.14, 0.00, 0.75
HSL	253°, 8%, 23%
HSV	253°, 14%, 25%
XYZ	3.8473, 3.8380, 5.2407
YIQ	55.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

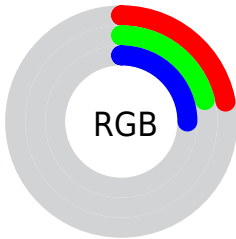
Format	Color
R_{YB}	56, 54, 63
Decimal	3683903
CIE Lab	23.13, 3.02, -5.29
CIE LCh	23, 6.089, 299.717
Yxy	3.8380, 0.2976, 0.2969
Android (android.graphics.Color)	4281873983 (0xFF38363F)
YUV	55.6240, 3.6364, 0.3298
Hunter-Lab	19.5907, 0.7703, -2.1470

Details

The YUV color **55.6240, 3.6364, 0.3298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.3760, -3.6364, -0.3298**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7380, 4.0732, 0.2298**, and **12.1510, 4.3626, 0.7446** is the 20% darker color. If you saturate the color by 10%, you get **50.6070, 6.1097, 0.3447**, and if you desaturate by 10%, it is **60.6410, 1.1630, 0.3148**.

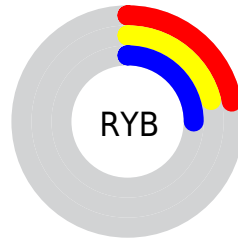
Distribution



 Red (22%)

 Green (21%)

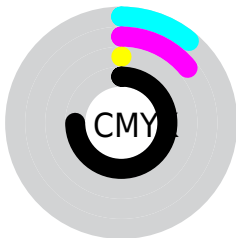
 Blue (25%)




 Red (22%)

 Yellow (21%)

 Blue (25%)

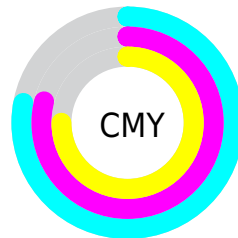


 Cyan (11%)


 Magenta (14%)

 Yellow (0%)

 Black (75%)



 Cyan (78%)

 Magenta (79%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6240, 3.6364, 0.3298 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 55.6240, 3.6364, 0.3298 by changing the saturation by 10% instead.

■ 55.6240, 3.6364,
0.3298

■ 55.6240, 3.6364,
0.3298

■ 255.0000, 0.0000,
0.0000

■ 34.5100, 3.1996,
0.4297

■ 102.7380, 4.0732,
0.2298

■ 12.1510, 4.3626,
0.7446

■ 127.7380, 4.0732,
0.2298

■ 0.0000, 0.0000,
0.0000

■ 153.1510, 4.3626,
0.7446

■ 180.1510, 4.3626,
0.7446

■ 207.8520, 4.5100,
0.1298

■ 236.1510, 4.3626,

0.7446

■ 55.6240, 3.6364,
0.3298

■ 55.6240, 3.6364,
0.3298

■ 50.6070, 6.1097,
0.3447

■ 60.6410, 1.1630,
0.3148

■ 45.0030, 8.8725,
0.8744

■ 66.2450, -1.5998,
-0.2149

■ 39.9860, 11.3459,
0.8893

■ 71.2620, -4.0732,
-0.2298

■ 34.9690, 13.8193,
0.9042

■ 76.2790, -6.5465,
-0.2447

■ 29.6640, 16.4346,
2.0487

■ 81.8830, -9.3093,
-0.7744

■ 24.6470, 18.9080,
2.0636

■ 86.6010, -11.6353,
-1.4041

■ 19.6300, 21.3814,
2.0785

■ 91.6180, -14.1087,
-1.4190

■ 14.6130, 23.8548,
2.0934

■ 96.6350, -16.5821,
-1.4339

■ 11.3680, 25.4546,
2.3083

■ 102.2390,
-19.3448, -1.9636

Harmonies

Analogous

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



55.1180, 4.3788, -4.4885



55.6240, 3.6364, 0.3298



56.1900, 1.8783, 4.2184

Triad

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



55.6240, 3.6364, 0.3298



55.3060, -4.0949, 6.7476



53.7710, 0.6059, -7.6922

Complementary

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



55.6240, 3.6364, 0.3298



61.3760, -3.6364, -0.3298

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.



53.8100, -1.8783, -4.2184



55.6240, 3.6364, 0.3298



55.1700, -4.5208, 3.3589

Square

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



55.6240, 3.6364, 0.3298



55.7730, -2.3531, 8.0921



54.3760, -3.6364, -0.3298



53.9280, 2.5005, -8.7069

Rectangle

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



55.6240, 3.6364, 0.3298



55.8590, 0.5625, 6.2627



54.3760, -3.6364, -0.3298



53.8420, -0.4151, -6.8774

Sweetspot

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



55.6240, 3.6364, 0.3298



78.7550, 1.5998, 0.2149



59.1350, 1.9054, -4.5034



39.2280, 0.8736, -0.2000



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



55.6240, 3.6364, 0.3298



70.4930, 5.6730, 0.4446



56.8200, 3.0467, 2.7889



28.3420, 1.3104, -0.2999



16.9950, 37.9635, 3.5124



39.9590, 89.7462, 7.9290

Inverse Universe

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



57.4890, 1.7309, 4.8331



73.4400, 2.7411, 7.5071



60.1800, -3.0467, -2.7889



29.1250, 0.4314, 1.6444



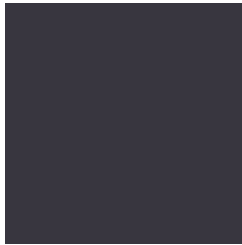
36.4280, 18.0300, 50.4906



86.1000, 42.8417, 119.1843

Previews

White Background



This preview shows how the YUV color 55.6240, 3.6364, 0.3298 looks on a white background.

Color Contrast Check

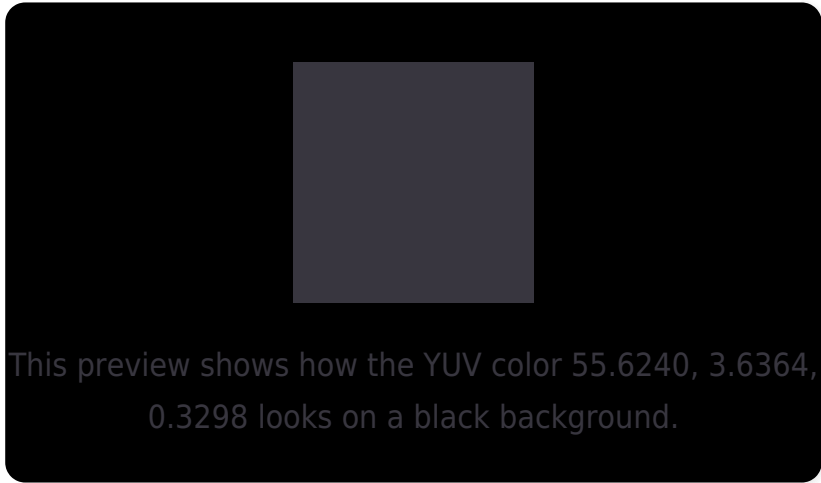
Large Text (above 18pt) WCAG AA ✓ Pass

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

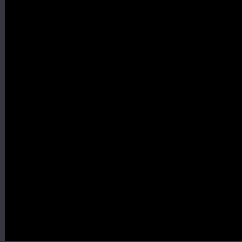
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6240, 3.6364, 0.3298

Background



This preview shows how black text looks on a background with the YUV color 55.6240, 3.6364, 0.3298.



This preview shows how white text looks on a background with the YUV color 55.6240, 3.6364,

0.3298.

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

55.6240, 3.6364, 0.3298

Protanopia

55.6130, 3.6418, -1.4146

Deuteranopia

55.9230, 3.4890, 0.9445



Tritanopia

55.4560, 1.7472, -0.3999

Trichromacy



Original Color

55.6240, 3.6364, 0.3298

Protanomaly

55.9120, 3.4944, -0.7998

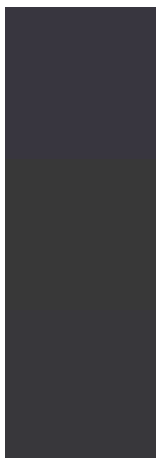
Deuteranomaly

55.9230, 3.4890, 0.9445

Tritanomaly

55.5700, 2.1840, -0.4999

Monochromacy



Original Color

55.6240, 3.6364, 0.3298

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6240, 3.6364, 0.3298 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(56, 54, 63)` looks like.

```
.text, #text, p{  
    color:rgb(56, 54, 63)  
}
```

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(56, 54, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 54, 63) }
```

Border

The CSS property to change the border of an element to YUV 55.6240, 3.6364, 0.3298 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(56, 54, 63) }
```


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

```
.border{ border-color:rgb(56, 54, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 54, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 54, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 54, 63);  
box-shadow:4px 4px 4px 4px rgb(56, 54, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6240, 3.6364, 0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 54, 63) }
```

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

```
.background{ background-color: rgb(56, 54,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor