

Converting Colors

YUV(55.7330, -1.8404, -16.4288)

Have a look what the booklet for
YUV(55.7330, -1.8404, -16.4288)
contains.

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Color

**YUV(55.7330, -1.8404,
-16.4288)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 254234 |
| RGB | 37, 66, 52 |
| RGB Percent | 15%, 26%, 20% |
| CMY | 0.8549, 0.7412, 0.7961 |
| CMYK | 0.44, 0.00, 0.21, 0.74 |
| HSL | 151°, 28%, 20% |
| HSV | 151°, 44%, 26% |
| XYZ | 3.3310, 4.5377, 3.9491 |
| YIQ | 55.7330, -12.7900, -10.5020 |

Conversions

Conversions Part 2

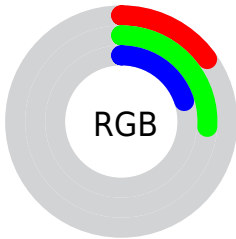
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 37, 56, 66 |
| Decimal | 2441780 |
| CIE _{Lab} | 25.37, -14.72, 5.13 |
| CIE _{LCh} | 25, 15.585, 160.770 |
| Yxy | 4.5377, 0.2819, 0.3840 |
| Android (android.graphics.Color) | 4280631860 (0xFF254234) |
| YUV | 55.7330, -1.8404, -16.4288 |
| Hunter-Lab | 21.3018, -9.3659, 3.9196 |




Details

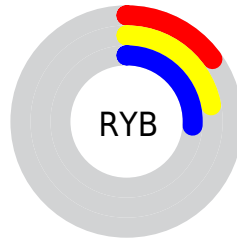
The YUV color **55.7330, -1.8404, -16.4288** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.2670, 1.8404, 16.4288**, and the grayscale version is **56.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.9070, -2.4192, -17.4584**, and **14.7720, -4.3246, -12.9550** is the 20% darker color. If you saturate the color by 10%, you get **53.2980, -2.1189, -20.4323**, and if you desaturate by 10%, it is **58.1680, -1.5618, -12.4253**.

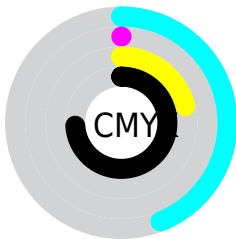
Distribution







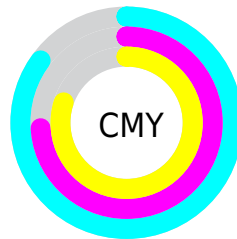
-  Red (15%)
-  Green (26%)
-  Blue (20%)






-  Red (15%)
-  Yellow (22%)
-  Blue (26%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (74%)



-  Cyan (85%)
-  Magenta (74%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7330, -1.8404, -16.4288 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 55.7330, -1.8404, -16.4288 by changing the saturation by 10% instead.

■ 55.7330, -1.8404,
-16.4288

■ 55.7330, -1.8404,
-16.4288

255.0000, 0.0000,
0.0000

■ 33.8470, -1.4036,
-16.5288

■ 102.9070, -2.4192,
-17.4584

■ 14.7720, -4.3246,
-12.9550

■ 128.4940, -2.7085,
-17.9732

■ 0.0000, 0.0000,
0.0000

■ 154.4940, -2.7085,
-17.9732

■ 181.1950, -2.5611,
-18.5880

■ 208.7820, -2.8505,
-19.1028

■ 237.3690, -3.1399,

-19.6176

251.7110, 1.6215,
-6.7625

55.7330, -1.8404,
-16.4288

55.7330, -1.8404,
-16.4288

53.2980, -2.1189,
-20.4323

58.1680, -1.5618,
-12.4253

51.1620, -2.5449,
-23.8211

60.3040, -1.1359,
-9.0366

48.6130, -3.2602,
-27.7246

62.8530, -0.4205,
-5.1331

46.4770, -3.6862,
-31.1133

64.9890, 0.0054,
-1.7444

44.0420, -3.9647,
-35.1168

67.4240, 0.2840,
2.2592

■ 42.6180, -4.2487,
-37.3760

■ 69.8590, 0.5625,
6.2627

■ 71.9950, 0.9885,
9.6514

■ 74.4300, 1.2670,
13.6549

■ 76.6800, 2.1298,
16.9436

Harmonies

Analogous

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



57.6050, -7.6933, -5.7926



55.7330, -1.8404, -16.4288



53.8010, 5.0281, -26.1355

Triad

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



55.7330, -1.8404, -16.4288



59.9310, 11.3730, -7.8325



60.7590, -7.7692, 18.6284

Complementary

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



55.7330, -1.8404, -16.4288



47.2670, 1.8404, 16.4288

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.



61.1380, -2.5330, 19.1730



55.7330, -1.8404, -16.4288



61.7970, 7.9881, 4.5630

Square

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



55.7330, -1.8404, -16.4288



56.1960, 12.7214, -20.3429



61.8970, 3.0088, 14.9993



60.2160, -10.9525, 12.9656

Rectangle

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



55.7330, -1.8404, -16.4288



52.9300, 9.4015, -28.8796



61.8970, 3.0088, 14.9993



60.9270, -5.8800, 19.3580

Sweetspot

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



55.7330, -1.8404, -16.4288



82.7280, -0.8519, -6.7775



58.2090, -10.4560, -6.3223



40.5650, -0.2785, -4.0035



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.



55.7330, -1.8404, -16.4288



70.7380, -2.8288, -26.0802



57.3290, 4.2748, -17.8285



31.9890, 0.0054, -1.7444



62.6390, -6.2310, -54.9344



144.7120, -14.1550, -126.9124

Inverse Universe

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



47.2670, 1.8404, 16.4288



57.2620, 2.8288, 26.0802



45.6710, -4.2748, 17.8285



31.0110, -0.0054, 1.7444



34.3610, 6.2310, 54.9344



79.2880, 14.1550, 126.9124

Previews

White Background



This preview shows how the YUV color 55.7330, -1.8404, -16.4288 looks on a white background.

Color Contrast Check

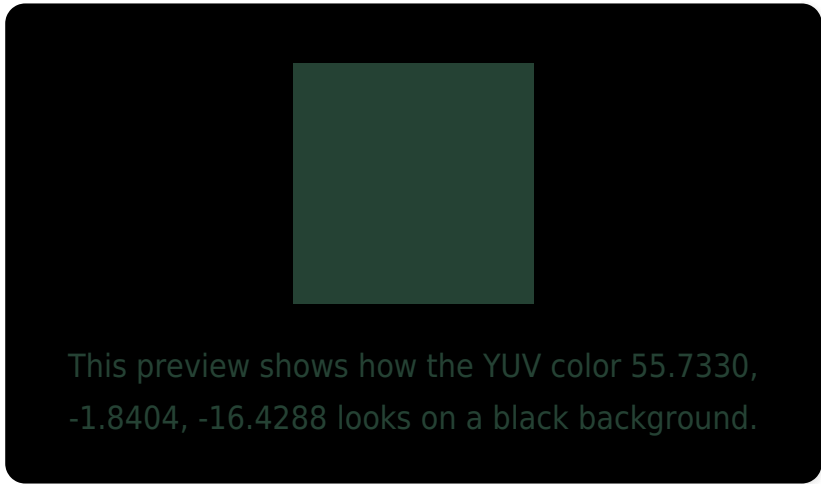
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.7330, -1.8404, -16.4288

Background



This preview shows how black text looks on a background with the YUV color 55.7330, -1.8404, -16.4288.



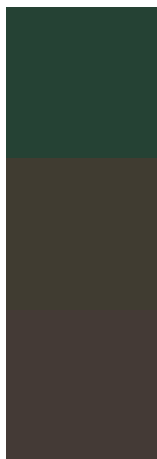
This preview shows how white text looks on a background with the YUV color 55.7330, -1.8404,

-16.4288.

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

55.7330, -1.8404, -16.4288

Protanopia

59.9420, -5.3944, 3.5589

Deuteranopia

60.5340, -3.2213, 6.5477



Tritanopia

57.6930, 5.5744, -14.6398

Trichromacy



Original Color

55.7330, -1.8404, -16.4288

Protanomaly

58.2400, -4.0623, -3.7185

Deuteranomaly

58.8920, -2.9048, -1.6593

Tritanomaly

57.2970, 2.8116, -15.1695

Monochromacy



Original Color

55.7330, -1.8404, -16.4288

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7330, -1.8404, -16.4288 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, 66, 52)` looks like.

```
.text, #text, p{  
    color:rgb(37, 66, 52)  
}
```

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, 66, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 66, 52) }
```

Border

The CSS property to change the border of an element to YUV 55.7330, -1.8404, -16.4288 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, 66, 52) }
```


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

```
.border{ border-color:rgb(37, 66, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 66, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 66, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 66, 52);  
box-shadow:4px 4px 4px 4px rgb(37, 66, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.7330, -1.8404, -16.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 66, 52) }
```

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

```
.background{ background-color: rgb(37, 66,  
52) }
```

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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