

Converting Colors

YUV(55.1590, -7.9664, -11.5404)

Have a look what the booklet for
YUV(55.1590, -7.9664, -11.5404)
contains.

YUV(55.1590, -7.9664, -11.5404)	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(55.1590, -7.9664,
-11.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4127
RGB	42, 65, 39
RGB Percent	16%, 25%, 15%
CMY	0.8353, 0.7451, 0.8471
CMYK	0.35, 0.00, 0.40, 0.75
HSL	113°, 25%, 20%
HSV	113°, 40%, 25%
XYZ	3.2114, 4.4193, 2.6032
YIQ	55.1590, -5.3620, -12.9620

Conversions

Conversions Part 2

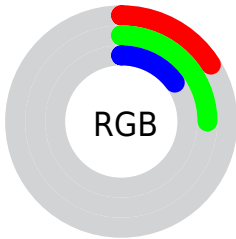
Format	Color
RYB	39, 65, 62
Decimal	2769191
CIELab	25.01, -15.13, 13.09
CIELCh	25, 20.012, 139.134
Yxy	4.4193, 0.3138, 0.4318
Android (android.graphics.Color)	4280959271 (0xFF2A4127)
YUV	55.1590, -7.9664, -11.5404
Hunter-Lab	21.0222, -9.5211, 7.3735

Details

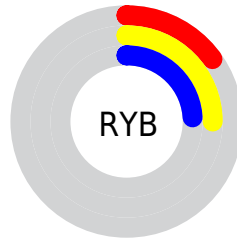
The YUV color **55.1590, -7.9664, -11.5404** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **48.8410, 7.9664, 11.5404**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2190, -8.9820, -12.4701**, and **14.0880, -6.9454, -12.3552** is the 20% darker color. If you saturate the color by 10%, you get **52.6810, -9.7027, -14.6292**, and if you desaturate by 10%, it is **57.7510, -5.7932, -8.5516**.

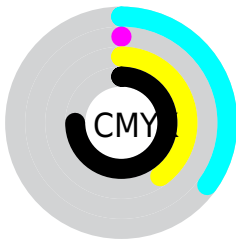
Distribution



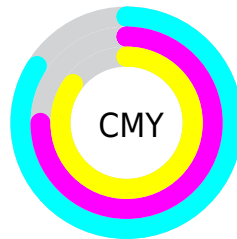
- Red (16%)
- Green (25%)
- Blue (15%)



- Red (15%)
- Yellow (25%)
- Blue (24%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1590, -7.9664, -11.5404 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 55.1590, -7.9664, -11.5404 by changing the saturation by 10% instead.

■ 55.1590, -7.9664,
-11.5404

■ 55.1590, -7.9664,
-11.5404

255.0000, 0.0000,
0.0000

■ 33.2730, -7.5296,
-11.6404

■ 102.2190, -8.9820,
-12.4701

■ 14.0880, -6.9454,
-12.3552

■ 127.8060, -9.2714,
-12.9849

■ 0.0000, 0.0000,
0.0000

■ 153.6920, -9.7082,
-12.8849

■ 180.2790, -9.9975,
-13.3997

■ 208.1650,
-10.4343, -13.2997

■ 236.7520,

-10.7237, -13.8145

251.8380, -4.3571,
-2.4889

55.1590, -7.9664,
-11.5404

55.1590, -7.9664,
-11.5404

52.6810, -9.7027,
-14.6292

57.7510, -5.7932,
-8.5516

50.0890, -11.8759,
-17.6181

59.9300, -3.9095,
-6.0776

47.9100, -13.7596,
-20.0921

62.5220, -1.7363,
-3.0888

45.3180, -15.9328,
-23.0809

65.0000, 0.0000,
0.0000

42.7260, -18.1059,
-26.0697

67.5920, 2.1731,
2.9888

■ 40.2480, -19.8423,
-29.1585

■ 70.0700, 3.9095,
6.0776

■ 72.3630, 6.2300,
8.4516

■ 74.8410, 7.9664,
11.5404

■ 77.4330, 10.1395,
14.5293

Harmonies

Analogous

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



56.8680, -13.2459, 1.8698



55.1590, -7.9664, -11.5404



51.6500, 0.6655, -26.8801

Triad

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



55.1590, -7.9664, -11.5404



54.0150, 17.2476, -25.4462



60.4870, -5.1701, 25.0059

Complementary

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



55.1590, -7.9664, -11.5404



48.8410, 7.9664, 11.5404

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.



61.0010, 1.9715, 21.0471



55.1590, -7.9664, -11.5404



59.3380, 14.1304, -5.5584

Square

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



55.1590, -7.9664, -11.5404



48.0900, 16.7176, -42.1749



61.3570, 8.6980, 10.2109



59.2710, -10.9796, 21.6873

Rectangle

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



55.1590, -7.9664, -11.5404



46.6250, 8.5659, -40.8901



61.3570, 8.6980, 10.2109



60.1710, -2.5493, 24.4060

Sweetspot

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



55.1590, -7.9664, -11.5404



80.1690, -3.0413, -4.5332



60.2750, -10.4886, 4.1438



40.8210, -1.8838, -2.4740



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.



55.1590, -7.9664, -11.5404



68.6760, -12.1653, -18.1329



55.4020, -3.1562, -14.3846



31.7610, -0.8682, -1.5444



60.2280, -29.6924, -43.1730



139.2620, -68.6562, -99.3308

Inverse Universe

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



48.8410, 7.9664, 11.5404



59.0250, 12.3127, 17.5181



48.5980, 3.1562, 14.3846



31.2390, 0.8682, 1.5444



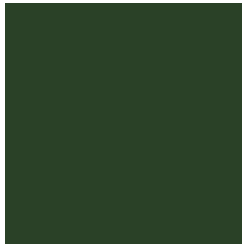
36.7720, 29.6924, 43.1730



85.0370, 68.5088, 99.9456

Previews

White Background



This preview shows how the YUV color 55.1590, -7.9664, -11.5404 looks on a white background.

Color Contrast Check

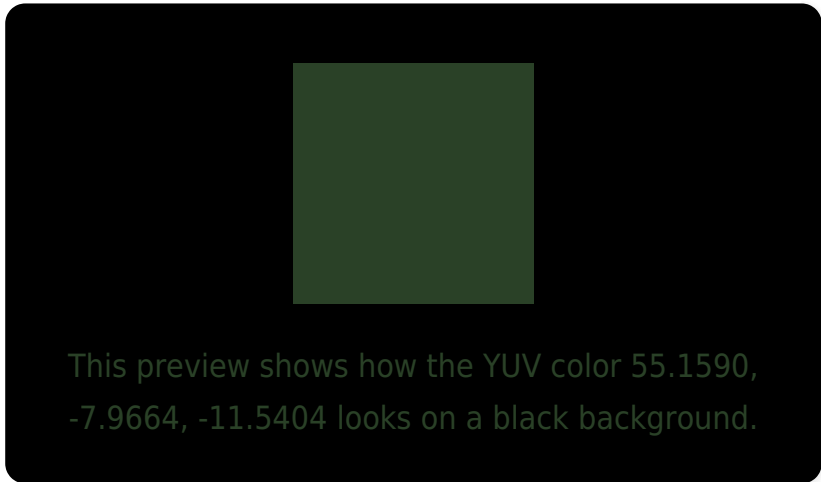
Large Text (above 18pt) WCAG AA ✓ Pass

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

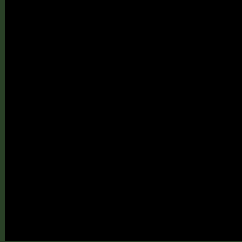
Any Text WCAG AA × Fail

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 55.1590, -7.9664, -11.5404 Background



This preview shows how black text looks on a background with the YUV color 55.1590, -7.9664, -11.5404.



This preview shows how white text looks on a background with the YUV color 55.1590, -7.9664, -11.5404.

-11.5404.

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

55.1590, -7.9664, -11.5404

Protanopia

58.2860, -10.4940, 5.8882

Deuteranopia

59.3620, -9.0525, 10.2065



Tritanopia

58.0850, 4.3951, -9.7215

Trichromacy



Original Color

55.1590, -7.9664, -11.5404

Protanomaly

57.1820, -9.4567, -0.1596

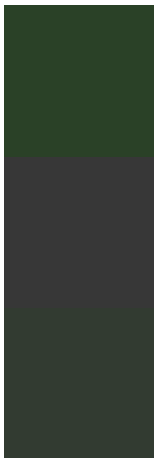
Deuteranomaly

57.7200, -8.7360, 1.9996

Tritanomaly

56.9340, 0.0325, -10.4661

Monochromacy



Original Color

55.1590, -7.9664, -11.5404

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1690, -3.0413, -4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1590, -7.9664, -11.5404 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(42, 65, 39)` looks like.

```
.text, #text, p{  
    color:rgb(42, 65, 39)  
}
```

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(42, 65, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 65, 39) }
```

Border

The CSS property to change the border of an element to YUV 55.1590, -7.9664, -11.5404 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(42, 65, 39) }
```


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

```
.border{ border-color:rgb(42, 65, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 65, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 65, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 65, 39);  
box-shadow:4px 4px 4px 4px rgb(42, 65, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1590, -7.9664, -11.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 65, 39) }
```

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

```
.background{ background-color: rgb(42, 65,  
39) }
```

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