

Converting Colors

YUV(63.8710, -11.2754,
-23.5659)

Have a look what the booklet for
YUV(63.8710, -11.2754, -23.5659)
contains.

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Color

**YUV(63.8710, -11.2754,
-23.5659)**

Conversions

Conversions Part 1

Format	Color
Hex	255229
RGB	37, 82, 41
RGB Percent	15%, 32%, 16%
CMY	0.8549, 0.6784, 0.8392
CMYK	0.55, 0.00, 0.50, 0.68
HSL	125°, 38%, 23%
HSV	125°, 55%, 32%
XYZ	4.1805, 6.5880, 3.1491
YIQ	63.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

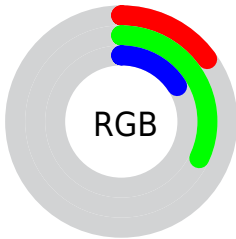
Format	Color
R_{YB}	37, 78, 82
Decimal	2445865
CIE _{Lab}	30.85, -25.44, 19.38
CIE _{LCh}	31, 31.987, 142.698
Yxy	6.5880, 0.3004, 0.4734
Android (android.graphics.Color)	4280635945 (0xFF255229)
YUV	63.8710, -11.2754, -23.5659
Hunter-Lab	25.6671, -15.8446, 10.6927

Details

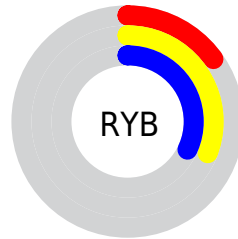
The YUV color **63.8710, -11.2754, -23.5659** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55.1290, 11.2754, 23.5659**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1160, -12.8752, -23.7807**, and **21.7190, -10.7075, -19.0476** is the 20% darker color. If you saturate the color by 10%, you get **60.6810, -13.1537, -27.7842**, and if you desaturate by 10%, it is **67.0610, -9.3971, -19.3475**.

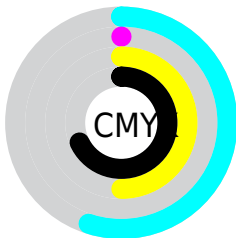
Distribution



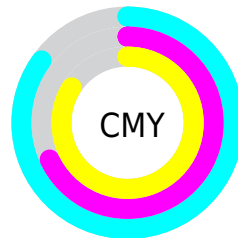
- Red (15%)
- Green (32%)
- Blue (16%)



- Red (15%)
- Yellow (31%)
- Blue (32%)



- Cyan (55%)
- Magenta (0%)
- Yellow (50%)
- Black (68%)



- Cyan (85%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8710, -11.2754, -23.5659 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 63.8710, -11.2754, -23.5659 by changing the saturation by 10% instead.

■ 63.8710, -11.2754,
-23.5659

■ 63.8710, -11.2754,
-23.5659

255.0000, 0.0000,
0.0000

■ 40.2020, -9.9596,
-25.6102

■ 113.1160,
-12.8752, -23.7807

■ 21.7190, -10.7075,
-19.0476

■ 138.7030,
-13.1646, -24.2955

■ 3.5220, -1.7363,
-3.0888

■ 165.1760,
-13.8908, -24.7104

■ 0.0000, 0.0000,
0.0000

■ 192.7630,
-14.1802, -25.2252

■ 221.2360,
-14.9063, -25.6400

■ 240.4310,

-10.5655, -17.9180

252.2940, -2.6099,
-2.8888

63.8710, -11.2754,
-23.5659

63.8710, -11.2754,
-23.5659

60.6810, -13.1537,
-27.7842

67.0610, -9.3971,
-19.3475

57.3770, -15.4689,
-31.9026

70.3650, -7.0819,
-15.2291

53.8880, -17.1998,
-36.7358

73.8540, -5.3510,
-10.3960

50.5840, -19.5149,
-40.8542

77.1580, -3.0359,
-6.2776

48.9320, -20.6725,
-42.9134

80.3480, -1.1576,
-2.0592

■ 83.6520, 1.1576,
2.0592

■ 86.8420, 3.0359,
6.2776

■ 90.4450, 5.2036,
11.0107

■ 93.6350, 7.0819,
15.2291

Harmonies

Analogous

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



68.1530, -22.2604, -0.1342



63.8710, -11.2754, -23.5659



57.3050, 3.7936, -50.2565

Triad

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



63.8710, -11.2754, -23.5659



59.1070, 31.0062, -51.8368



72.0760, -8.4185, 40.2753

Complementary

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



63.8710, -11.2754, -23.5659



55.1290, 11.2754, 23.5659

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.



73.4420, 3.2331, 36.4464



63.8710, -11.2754, -23.5659



72.9060, 22.7243, -8.6876

Square

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



63.8710, -11.2754, -23.5659



61.4890, 24.9019, -53.9259



74.7910, 13.9070, 19.4773



71.5730, -19.0165, 32.8235

Rectangle

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



63.8710, -11.2754, -23.5659



59.3570, 11.6560, -52.0561



74.7910, 13.9070, 19.4773



72.1130, -4.4927, 41.1199

Sweetspot

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



63.8710, -11.2754, -23.5659



100.0930, -4.4828, -8.8516



75.6740, -19.0663, 2.0399



49.5710, -2.7465, -5.7628



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.8710, -11.2754, -23.5659



78.4750, -17.4892, -37.2506



66.3790, -1.6658, -25.7654



39.3480, -1.1576, -2.0592



62.6610, -26.4549, -54.9537



138.5780, -57.9660, -121.5329

Inverse Universe

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



55.1290, 11.2754, 23.5659



64.6390, 17.9260, 37.1506



52.6210, 1.6658, 25.7654



38.5380, 0.7208, 2.1592



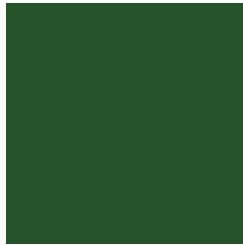
42.2250, 26.0181, 55.0537



93.4220, 57.9660, 121.5329

Previews

White Background



This preview shows how the YUV color 63.8710, -11.2754, -23.5659 looks on a white background.

Color Contrast Check

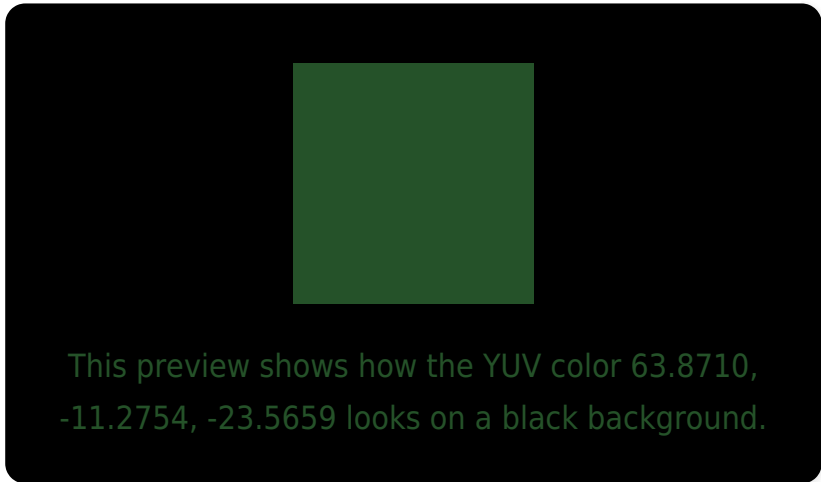
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.8710, -11.2754, -23.5659

Background



This preview shows how black text looks on a background with the YUV color 63.8710, -11.2754, -23.5659.



This preview shows how white text looks on a background with the YUV color 63.8710, -11.2754,

-23.5659.

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

63.8710, -11.2754, -23.5659

Protanopia

70.5160, -16.0304, 8.3175

Deuteranopia

71.8310, -13.7207, 14.1802



Tritanopia

68.8280, 7.4798, -19.1432

Trichromacy



Original Color

63.8710, -11.2754, -23.5659

Protanomaly

68.1940, -14.3926, -3.6781

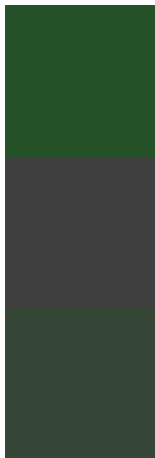
Deuteranomaly

68.9710, -12.8037, 0.0254

Tritanomaly

66.9820, 0.5019, -21.0322

Monochromacy



Original Color

63.8710, -11.2754, -23.5659

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2070, -4.0461, -8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8710, -11.2754, -23.5659 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, 82, 41)` looks like.

```
.text, #text, p{  
    color:rgb(37, 82, 41)  
}
```

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, 82, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 82, 41) }
```

Border

The CSS property to change the border of an element to YUV 63.8710, -11.2754, -23.5659 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, 82, 41) }
```


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

```
.border{ border-color:rgb(37, 82, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 82, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 82, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 82, 41);  
box-shadow:4px 4px 4px 4px rgb(37, 82, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.8710, -11.2754, -23.5659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 82, 41) }
```

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

```
.background{ background-color: rgb(37, 82,  
41) }
```

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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