

Converting Colors

YUV(69.7710, -2.8451, -20.8472)

Have a look what the booklet for
YUV(69.7710, -2.8451, -20.8472)
contains.

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Color

**YUV(69.7710, -2.8451,
-20.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5340
RGB	46, 83, 64
RGB Percent	18%, 33%, 25%
CMY	0.8196, 0.6745, 0.7490
CMYK	0.45, 0.00, 0.23, 0.67
HSL	149°, 29%, 25%
HSV	149°, 45%, 33%
XYZ	5.1454, 7.1375, 5.9570
YIQ	69.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

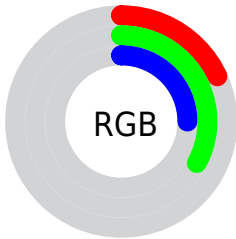
Format	Color
R_{YB}	46, 71, 83
Decimal	3035968
CIE _{Lab}	32.12, -18.26, 7.04
CIE _{LCh}	32, 19.568, 158.924
Yxy	7.1375, 0.2821, 0.3913
Android (android.graphics.Color)	4281226048 (0xFF2E5340)
YUV	69.7710, -2.8451, -20.8472
Hunter-Lab	26.7161, -12.3751, 5.4812




Details

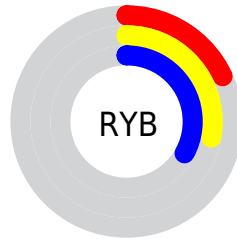
The YUV color **69.7710, -2.8451, -20.8472** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.2290, 2.8451, 20.8472**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.9450, -3.4239, -21.8768**, and **25.1130, -1.5347, -21.1471** is the 20% darker color. If you saturate the color by 10%, you get **66.9230, -3.4130, -25.3655**, and if you desaturate by 10%, it is **72.6190, -2.2772, -16.3289**.

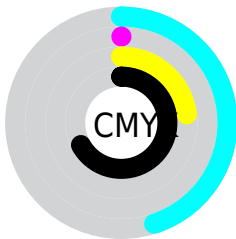
Distribution







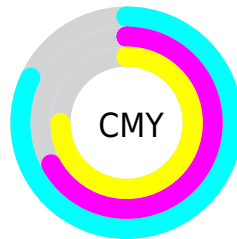
-  Red (18%)
-  Green (33%)
-  Blue (25%)






-  Red (18%)
-  Yellow (28%)
-  Blue (33%)



-  Cyan (45%)
-  Magenta (0%)
-  Yellow (23%)
-  Black (67%)



-  Cyan (82%)
-  Magenta (67%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7710, -2.8451, -20.8472 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 69.7710, -2.8451, -20.8472 by changing the saturation by 10% instead.

■ 69.7710, -2.8451,
-20.8472

■ 69.7710, -2.8451,
-20.8472

255.0000, 0.0000,
0.0000

■ 46.8850, -2.4083,
-20.9471

■ 118.9450, -3.4239,
-21.8768

■ 25.1130, -1.5347,
-21.1471

■ 144.5320, -3.7133,
-22.3916

■ 8.2180, -4.0515,
-7.2072

■ 171.1190, -4.0027,
-22.9064

■ 0.0000, 0.0000,
0.0000

■ 198.7060, -4.2921,
-23.4212

■ 226.7060, -4.2921,
-23.4212

■ 246.0150, 0.4856,

-15.7992

■ 69.7710, -2.8451,
-20.8472

■ 69.7710, -2.8451,
-20.8472

■ 66.9230, -3.4130,
-25.3655

■ 72.6190, -2.2772,
-16.3289

■ 63.6620, -4.2704,
-30.3986

■ 75.8800, -1.4198,
-11.2958

■ 60.8140, -4.8383,
-34.9169

■ 78.7280, -0.8519,
-6.7775

■ 57.9660, -5.4062,
-39.4352

■ 81.5760, -0.2840,
-2.2592

■ 54.8190, -5.8268,
-44.5683

■ 84.4240, 0.2840,
2.2592

■ 53.2810, -6.5475,
-46.7274

■ 87.6850, 1.1413,
7.2923

■ 90.5330, 1.7092,
11.8106

■ 93.3810, 2.2772,
16.3289

■ 96.5280, 2.6977,
21.4619

Harmonies

Analogous

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



72.2090, -10.4560, -6.3223



69.7710, -2.8451, -20.8472



66.5010, 6.6550, -34.6424

Triad

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



69.7710, -2.8451, -20.8472



74.3480, 15.6044, -11.7062



76.3360, -9.5326, 24.2613

Complementary

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



69.7710, -2.8451, -20.8472



59.2290, 2.8451, 20.8472

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.



77.3560, -3.1335, 25.1208



69.7710, -2.8451, -20.8472



77.3070, 11.1876, 4.9928

Square

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



69.7710, -2.8451, -20.8472



69.8790, 16.8217, -28.8349



77.6740, 4.5977, 18.7029



75.4400, -14.0209, 17.1541

Rectangle

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



69.7710, -2.8451, -20.8472



65.2490, 12.2022, -40.5604



77.6740, 4.5977, 18.7029



76.5040, -7.6435, 24.9910

Sweetspot

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



69.7710, -2.8451, -20.8472



102.0160, -0.9939, -7.9070



73.4000, -13.5082, -7.3668



50.7390, -0.8573, -5.0331



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.



69.7710, -2.8451, -20.8472



86.6510, -4.2649, -32.1429



71.8230, 5.0173, -22.6468



39.5760, -0.2840, -2.2592



67.4490, -8.1094, -59.1528



149.0660, -17.7805, -130.7309

Inverse Universe

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



59.2290, 2.8451, 20.8472



70.3490, 4.2649, 32.1429



57.1770, -5.0173, 22.6468



38.4240, 0.2840, 2.2592



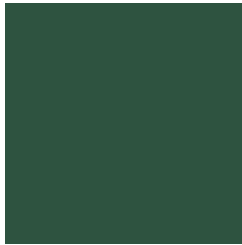
37.5510, 8.1094, 59.1528



82.9340, 17.7805, 130.7309

Previews

White Background



This preview shows how the YUV color 69.7710, -2.8451, -20.8472 looks on a white background.

Color Contrast Check

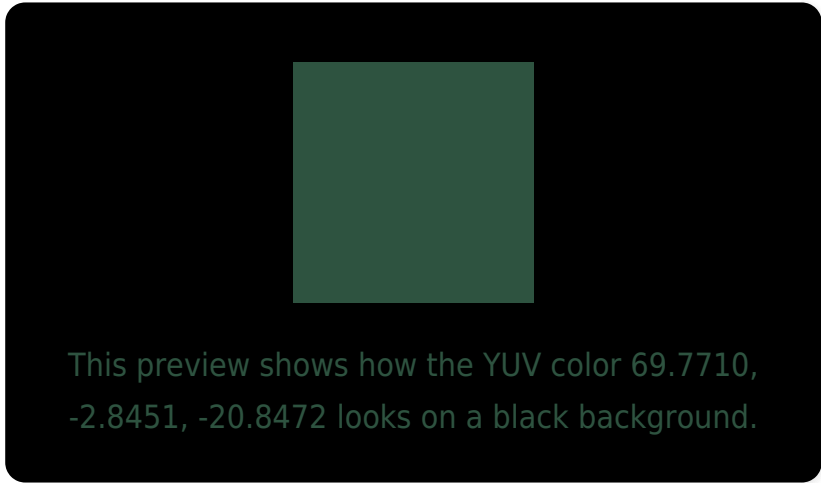
Large Text (above 18pt) WCAG AA ✓ Pass

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

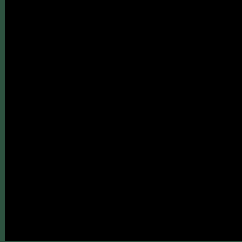
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7710, -2.8451, -20.8472

Background



This preview shows how black text looks on a background with the YUV color 69.7710, -2.8451, -20.8472.



This preview shows how white text looks on a background with the YUV color 69.7710, -2.8451,

-20.8472.

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

69.7710, -2.8451, -20.8472

Protanopia

74.7850, -7.2890, 4.5736

Deuteranopia

76.0890, -4.9739, 8.6919



Tritanopia

72.3120, 6.7482, -17.8136

Trichromacy



Original Color

69.7710, -2.8451, -20.8472

Protanomaly

73.0720, -5.9515, -4.4481

Deuteranomaly

73.8380, -4.3571, -2.4889

Tritanomaly

71.3890, 3.2592, -18.7582

Monochromacy



Original Color

69.7710, -2.8451, -20.8472

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7710, -2.8451, -20.8472 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(46, 83, 64)` looks like.

```
.text, #text, p{  
    color:rgb(46, 83, 64)  
}
```

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(46, 83, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 83, 64) }
```

Border

The CSS property to change the border of an element to YUV 69.7710, -2.8451, -20.8472 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(46, 83, 64) }
```


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

```
.border{ border-color:rgb(46, 83, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 83, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 83, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 83, 64);  
box-shadow:4px 4px 4px 4px rgb(46, 83, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.7710, -2.8451, -20.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 83, 64) }
```

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

```
.background{ background-color: rgb(46, 83,  
64) }
```

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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