

Converting Colors

YUV(38.0710, 15.7410, -8.8323)

Have a look what the booklet for
YUV(38.0710, 15.7410, -8.8323)
contains.

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Color

**YUV(38.0710, 15.7410,
-8.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2546
RGB	28, 37, 70
RGB Percent	11%, 15%, 27%
CMY	0.8902, 0.8549, 0.7255
CMYK	0.60, 0.47, 0.00, 0.73
HSL	227°, 43%, 19%
HSV	227°, 60%, 27%
XYZ	2.2459, 2.0122, 6.0644
YIQ	38.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

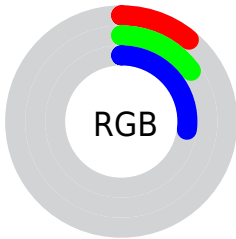
Format	Color
R_{YB}	28, 35, 70
Decimal	1844550
CIE Lab	15.55, 7.48, -21.98
CIE LCh	16, 23.219, 288.801
Yxy	2.0122, 0.2176, 0.1949
Android (android.graphics.Color)	4280034630 (0xFF1C2546)
YUV	38.0710, 15.7410, -8.8323
Hunter-Lab	14.1852, 3.4377, -15.4176

Details

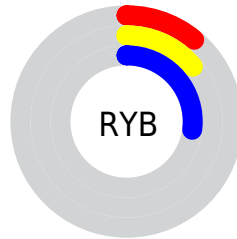
The YUV color **38.0710, 15.7410, -8.8323** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **59.9290, -15.7410, 8.8323**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5380, 17.4828, -7.4878**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **33.0430, 18.2198, -10.5617**, and if you desaturate by 10%, it is **43.6860, 12.9728, -7.6176**.

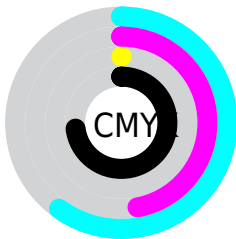
Distribution



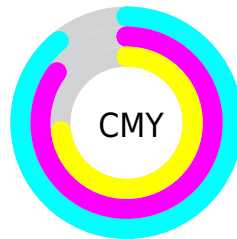
- Red (11%)
- Green (15%)
- Blue (27%)



- Red (11%)
- Yellow (14%)
- Blue (27%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0710, 15.7410, -8.8323 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 38.0710, 15.7410, -8.8323 by changing the saturation by 10% instead.

■ 38.0710, 15.7410,
-8.8323

■ 38.0710, 15.7410,
-8.8323

■ 255.0000, 0.0000,
0.0000

■ 16.2450, 15.1622,
-9.8619

■ 83.5380, 17.4828,
-7.4878

■ 3.5510, 11.0674,
-3.1142

■ 107.9510, 17.7722,
-6.9730

■ 0.0000, 0.0000,
0.0000

■ 134.0650, 18.2090,
-7.0730

■ 160.1790, 18.6458,
-7.1730

■ 186.7060, 19.3719,
-6.7582

■ 214.8200, 19.8087,

-6.8581

■ 239.6280, 7.5784,
-4.0588

■ 38.0710, 15.7410,
-8.8323

■ 38.0710, 15.7410,
-8.8323

■ 33.0430, 18.2198,
-10.5617

■ 43.6860, 12.9728,
-7.6176

■ 27.4280, 20.9880,
-11.7764

■ 48.7140, 10.4940,
-5.8882

■ 22.4000, 23.4668,
-13.5058

■ 54.3290, 7.7258,
-4.6735

■ 16.7850, 26.2350,
-14.7204

■ 59.3570, 5.2470,
-2.9441

■ 64.9720, 2.4788,
-1.7294

■ 70.0000, 0.0000,
0.0000

■ 75.6150, -2.7682,
1.2146

■ 80.6430, -5.2470,
2.9441

■ 85.6710, -7.7258,
4.6735

Harmonies

Analogous

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



32.7480, 18.8582, -28.7200



38.0710, 15.7410, -8.8323



40.4110, 10.1504, 11.0406

Triad

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



38.0710, 15.7410, -8.8323



37.7550, -11.7112, 23.0169



30.6500, 0.6656, -26.8800

Complementary

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



38.0710, 15.7410, -8.8323



59.9290, -15.7410, 8.8323

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.



33.6210, -8.6872, -13.6996



38.0710, 15.7410, -8.8323



36.9790, -18.2306, 14.0504

Square

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



38.0710, 15.7410, -8.8323



38.0250, -4.4493, 27.1651



35.5430, -17.0297, 2.1548



33.1750, 7.8017, -29.0945

Rectangle

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



38.0710, 15.7410, -8.8323



39.6140, 5.6133, 19.6325



35.5430, -17.0297, 2.1548



29.9660, -1.9552, -26.2802

Sweetspot

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



38.0710, 15.7410, -8.8323



79.2860, 6.2680, -3.7588



56.4160, 2.2599, -24.9208



38.3140, 3.7892, -2.0294



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



38.0710, 15.7410, -8.8323



41.7420, 24.7772, -13.8057



36.3760, 16.5766, 3.1782



33.0430, 1.4578, -0.9147



23.6130, 37.1658, -20.7086



54.6410, 84.9730, -47.9202

Inverse Universe

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



41.5840, -2.2599, 24.9208



47.3300, -3.6137, 39.1756



61.6240, -16.5766, -3.1782



33.3100, -0.1528, 2.3591



31.9950, -5.4205, 58.7634



73.4590, -12.0583, 134.6555

Previews

White Background



This preview shows how the YUV color 38.0710, 15.7410, -8.8323 looks on a white background.

Color Contrast Check

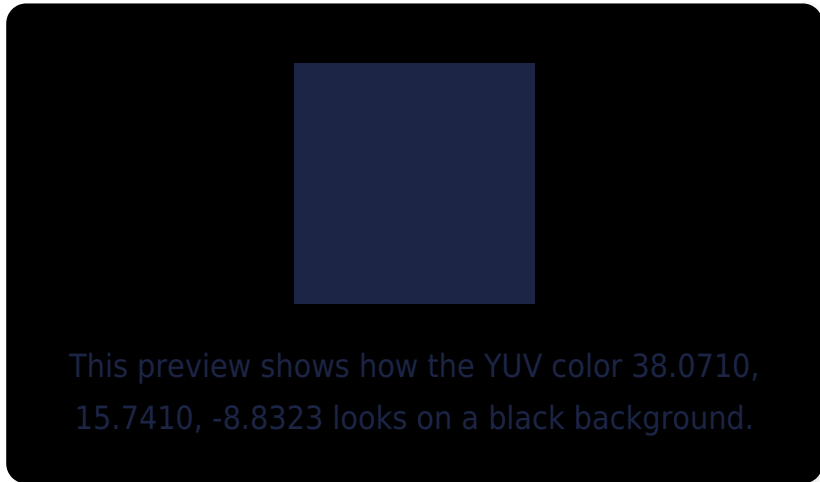
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0710, 15.7410, -8.8323

Background



This preview shows how black text looks on a background with the YUV color 38.0710, 15.7410, -8.8323.



This preview shows how white text looks on a background with the YUV color 38.0710, 15.7410,

-8.8323.

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

38.0710, 15.7410, -8.8323

Protanopia

37.2770, 16.6254, -12.5209

Deuteranopia

34.3360, 17.0894, -21.3427



Tritanopia

35.5680, 5.1430, -16.2841

Trichromacy



Original Color

38.0710, 15.7410, -8.8323

Protanomaly

37.8750, 16.3306, -11.2914

Deuteranomaly

35.8420, 16.3469, -16.5244

Tritanomaly

36.6160, 9.0633, -13.6952

Monochromacy



Original Color

38.0710, 15.7410, -8.8323

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0710, 15.7410, -8.8323 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(28, 37, 70)` looks like.

```
.text, #text, p{  
    color:rgb(28, 37, 70)  
}
```

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(28, 37, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 37, 70) }
```

Border

The CSS property to change the border of an element to YUV 38.0710, 15.7410, -8.8323 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(28, 37, 70) }
```


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

```
.border{ border-color:rgb(28, 37, 70) }
```

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

Here you see how a box with a 4 pixel rgb(28, 37, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 37, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 37, 70);  
box-shadow:4px 4px 4px 4px rgb(28, 37, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.0710, 15.7410, -8.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 37, 70) }
```

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

```
.background{ background-color: rgb(28, 37,  
70) }
```

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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