

Converting Colors

YUV(76.0710, -11.3740,
-38.6503)

Have a look what the booklet for
YUV(76.0710, -11.3740, -38.6503)
contains.

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Color

**YUV(76.0710, -11.3740,
-38.6503)**

Conversions

Conversions Part 1

Format	Color
Hex	206735
RGB	32, 103, 53
RGB Percent	13%, 40%, 21%
CMY	0.8745, 0.5961, 0.7922
CMYK	0.69, 0.00, 0.49, 0.60
HSL	138°, 53%, 26%
HSV	138°, 69%, 40%
XYZ	6.0885, 10.2646, 5.0285
YIQ	76.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

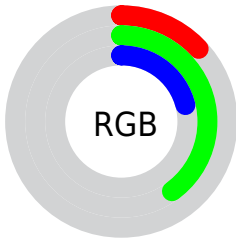
Format	Color
R_{YB}	32, 87, 103
Decimal	2123573
CIE _{Lab}	38.31, -34.05, 21.89
CIE _{LCh}	38, 40.477, 147.265
Yxy	10.2646, 0.2848, 0.4801
Android (android.graphics.Color)	4280313653 (0xFF206735)
YUV	76.0710, -11.3740, -38.6503
Hunter-Lab	32.0384, -22.1455, 13.1212

Details

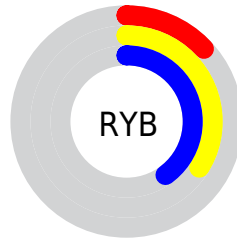
The YUV color **76.0710, -11.3740, -38.6503** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **58.9290, 11.3740, 38.6503**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2130, -13.4160, -37.0208**, and **33.1970, -12.4221, -29.1138** is the 20% darker color. If you saturate the color by 10%, you get **72.2830, -12.9575, -44.0982**, and if you desaturate by 10%, it is **79.8590, -9.7905, -33.2023**.

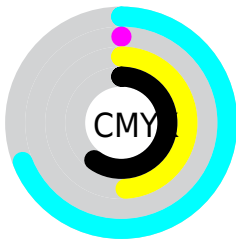
Distribution



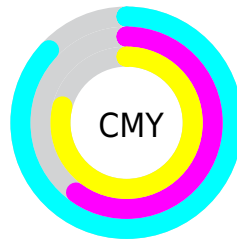
- Red (13%)
- Green (40%)
- Blue (21%)



- Red (13%)
- Yellow (34%)
- Blue (40%)



- Cyan (69%)
- Magenta (0%)
- Yellow (49%)
- Black (60%)



- Cyan (87%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0710, -11.3740, -38.6503 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 76.0710, -11.3740, -38.6503 by changing the saturation by 10% instead.

■ 76.0710, -11.3740,
-38.6503

■ 76.0710, -11.3740,
-38.6503

255.0000, 0.0000,
0.0000

■ 49.3200, -9.0318,
-43.2536

■ 128.2130,
-13.4160, -37.0208

■ 33.1970, -12.4221,
-29.1138

■ 154.6860,
-14.1422, -37.4356

■ 20.5450, -10.1287,
-18.0180

■ 182.1590,
-14.8684, -37.8504

■ 0.0000, 0.0000,
0.0000

■ 209.7460,
-15.1578, -38.3652

■ 231.1750,
-12.4113, -32.6025

■ 243.1520, -4.0189,

-17.6733

254.1030, 0.4422,
-1.8443

■ 76.0710, -11.3740,
-38.6503

■ 76.0710, -11.3740,
-38.6503

■ 72.2830, -12.9575,
-44.0982

■ 79.8590, -9.7905,
-33.2023

■ 68.0820, -14.8304,
-50.0609

■ 84.0600, -7.9176,
-27.2396

■ 64.2940, -16.4139,
-55.5088

■ 87.8480, -6.3341,
-21.7917

■ 63.8810, -16.7033,
-56.0236

■ 91.6360, -4.7505,
-16.3438

■ 95.7230, -3.3144,
-10.2811

■ 99.6250, -1.2941,
-4.9331

■ 103.4130, 0.2894,
0.5148

■ 107.2010, 1.8729,
5.9627

■ 111.2880, 3.3090,
12.0254

Harmonies

Analogous

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



83.3390, -27.7751, -4.6823



76.0710, -11.3740, -38.6503



72.0260, 6.8892, -63.1668

Triad

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



76.0710, -11.3740, -38.6503



73.5490, 40.6483, -64.5025



88.6000, -13.1138, 52.9708

Complementary

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



76.0710, -11.3740, -38.6503



58.9290, 11.3740, 38.6503

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.



90.0030, 2.4635, 49.9864



76.0710, -11.3740, -38.6503



91.1220, 28.5339, -5.3690

Square

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



76.0710, -11.3740, -38.6503



76.4040, 33.8178, -67.0063



92.8400, 16.3479, 29.9583



88.3800, -26.3163, 40.8857

Rectangle

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



76.0710, -11.3740, -38.6503



74.6480, 16.9355, -65.4663



92.8400, 16.3479, 29.9583



88.9790, -7.8776, 53.5154

Sweetspot

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



76.0710, -11.3740, -38.6503



124.3480, -4.6086, -15.2142



88.9260, -28.0645, -5.1971



62.5490, -2.7357, -9.2515



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.0710, -11.3740, -38.6503



92.5060, -17.9975, -60.9568



80.0610, 3.9139, -42.1495



49.0490, -1.0102, -2.6740



71.3810, -18.4288, -62.6011



150.2620, -38.5832, -131.7798

Inverse Universe

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



58.9290, 11.3740, 38.6503



65.4940, 17.9975, 60.9568



54.9390, -3.9139, 42.1495



47.8370, 0.5734, 2.7740



43.6190, 18.4288, 62.6011



91.8520, 39.0200, 131.6798

Previews

White Background



This preview shows how the YUV color 76.0710, -11.3740, -38.6503 looks on a white background.

Color Contrast Check

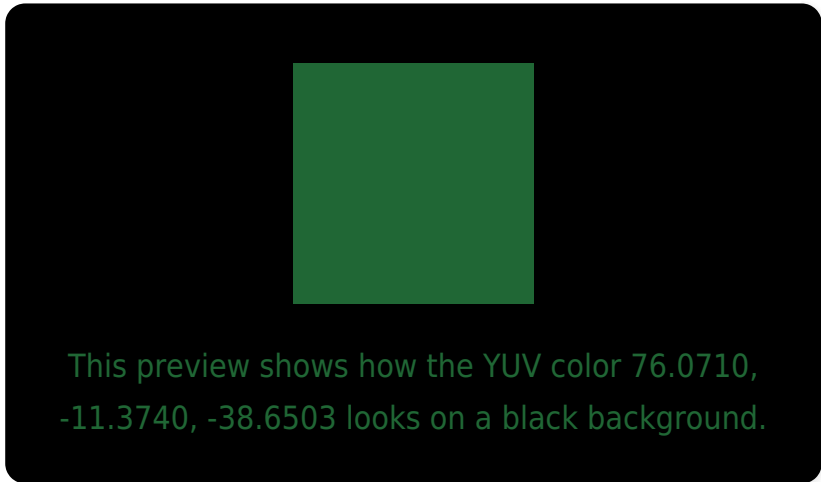
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

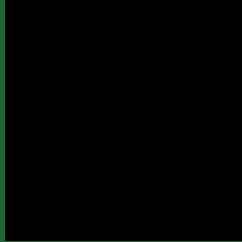
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0710, -11.3740, -38.6503

Background



This preview shows how black text looks on a background with the YUV color 76.0710, -11.3740, -38.6503.



This preview shows how white text looks on a background with the YUV color 76.0710, -11.3740,

-38.6503.

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

76.0710, -11.3740, -38.6503

Protanopia

87.9030, -19.6722, 9.7321

Deuteranopia

89.2720, -15.9101, 16.4245



Tritanopia

83.5600, 10.5699, -30.3091

Trichromacy



Original Color

76.0710, -11.3740, -38.6503

Protanomaly

83.8900, -16.7078, -7.7965

Deuteranomaly

84.3080, -13.9558, -3.7781

Tritanomaly

80.7740, 2.5764, -33.1278

Monochromacy



Original Color

76.0710, -11.3740, -38.6503

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1740, -4.0298, -14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0710, -11.3740, -38.6503 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(32, 103, 53)` looks like.

```
.text, #text, p{  
    color:rgb(32, 103, 53)  
}
```

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(32, 103, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 103, 53) }
```

Border

The CSS property to change the border of an element to YUV 76.0710, -11.3740, -38.6503 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(32, 103, 53) }
```


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

```
.border{ border-color:rgb(32, 103, 53) }
```

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

Here you see how a box with a 4 pixel rgb(32, 103, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 103, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 103, 53);  
box-shadow:4px 4px 4px 4px rgb(32, 103,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 76.0710, -11.3740, -38.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 103, 53) }
```

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

```
.background{ background-color: rgb(32, 103,  
53) }
```

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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