

Converting Colors

YUV(78.3170, -1.1423, -53.7750)

Have a look what the booklet for
YUV(78.3170, -1.1423, -53.7750)
contains.

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Color

**YUV(78.3170, -1.1423,
-53.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	116E4C
RGB	17, 110, 76
RGB Percent	7%, 43%, 30%
CMY	0.9333, 0.5686, 0.7020
CMYK	0.85, 0.00, 0.31, 0.57
HSL	158°, 73%, 25%
HSV	158°, 85%, 43%
XYZ	7.1116, 11.7928, 8.7389
YIQ	78.3170, -44.5140, -30.2900

Conversions

Conversions Part 2

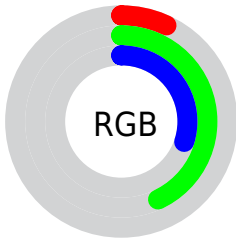
Format	Color
RYB	17, 74, 110
Decimal	1142348
CIELab	40.88, -34.50, 11.81
CIELCh	41, 36.467, 161.109
Yxy	11.7928, 0.2573, 0.4266
Android (android.graphics.Color)	4279332428 (0xFF116E4C)
YUV	78.3170, -1.1423, -53.7750
Hunter-Lab	34.3407, -23.1307, 8.9506

Details

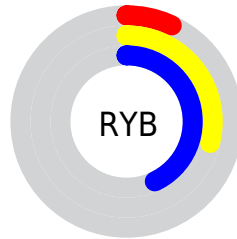
The YUV color **78.3170, -1.1423, -53.7750** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **48.6830, 1.1423, 53.7750**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9650, -3.9267, -47.3273**, and **39.4550, -3.6753, -34.6020** is the 20% darker color. If you saturate the color by 10%, you get **74.5720, -1.2680, -60.1376**, and if you desaturate by 10%, it is **82.0620, -1.0166, -47.4124**.

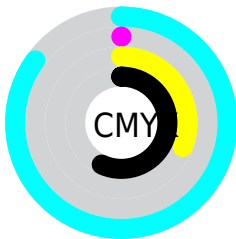
Distribution



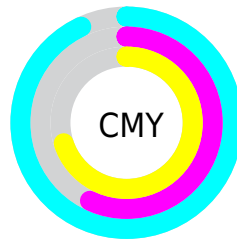
- Red (7%)
- Green (43%)
- Blue (30%)



- Red (7%)
- Yellow (29%)
- Blue (43%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (57%)



- Cyan (93%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3170, -1.1423, -53.7750 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 78.3170, -1.1423, -53.7750 by changing the saturation by 10% instead.

■ 78.3170, -1.1423,
-53.7750

■ 78.3170, -1.1423,
-53.7750

■ 255.0000, 0.0000,
0.0000

■ 55.9370, -1.4479,
-49.0567

■ 132.9650, -3.9267,
-47.3273

■ 39.4550, -3.6753,
-34.6020

■ 160.4380, -4.6529,
-47.7421

■ 23.9190, -7.3551,
-20.9770

■ 188.0250, -4.9423,
-48.2569

■ 3.5220, -1.7363,
-3.0888

■ 216.4980, -5.6685,
-48.6717

■ 0.0000, 0.0000,
0.0000

■ 232.7580, 0.1193,
-38.3758

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

78.3170, -1.1423,
-53.7750

78.3170, -1.1423,
-53.7750

74.5720, -1.2680,
-60.1376

82.0620, -1.0166,
-47.4124

72.5500, -1.2571,
-63.6263

85.8070, -0.8909,
-41.0497

89.5520, -0.7651,
-34.6871

93.2970, -0.6394,
-28.3245

97.0420, -0.5137,
-21.9618

■ 100.7870, -0.3880,
-15.5992

■ 104.5320, -0.2623,
-9.2366

■ 108.2770, -0.1366,
-2.8739

■ 112.0220, -0.0108,
3.4887

Harmonies

Analogous

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



88.7380, -19.5908, -16.4332



78.3170, -1.1423, -53.7750



77.3550, 14.6150, -67.8403

Triad

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



78.3170, -1.1423, -53.7750



93.1580, 30.4881, -25.5716



95.8780, -18.1809, 44.8340

Complementary

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



78.3170, -1.1423, -53.7750



48.6830, 1.1423, 53.7750

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.



96.3420, -5.0986, 48.8121



78.3170, -1.1423, -53.7750



99.2830, 21.0595, 12.0298

Square

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



78.3170, -1.1423, -53.7750



79.0770, 36.4440, -69.3505



98.2340, 8.7586, 37.5058



94.6730, -27.4468, 30.1048

Rectangle

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



78.3170, -1.1423, -53.7750



79.5210, 22.9141, -69.7399



98.2340, 8.7586, 37.5058



95.9260, -14.2605, 47.4229

Sweetspot

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



78.3170, -1.1423, -53.7750



130.7540, -0.3717, -20.8323



81.7570, -31.9252, -26.9739



63.9230, 0.0380, -12.2105



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



78.3170, -1.1423, -53.7750



94.3150, -1.6343, -82.7143



75.1490, 17.1815, -50.9967



53.9780, 0.0108, -3.4887



79.1040, -1.5303, -69.3742



162.8870, -2.9023, -142.8519

Inverse Universe

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



48.6830, 1.1423, 53.7750



48.6850, 1.6343, 82.7143



51.8510, -17.1815, 50.9967



52.1360, 0.4260, 3.3887



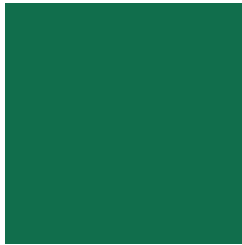
40.8960, 1.5303, 69.3742



84.1130, 2.9023, 142.8519

Previews

White Background



This preview shows how the YUV color 78.3170, -1.1423, -53.7750 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



This preview shows how the YUV color 78.3170, -1.1423, -53.7750 looks on a 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 78.3170, -1.1423, -53.7750

Background



This preview shows how black text looks on a background with the YUV color 78.3170, -1.1423, -53.7750.



This preview shows how white text looks on a background with the YUV color 78.3170, -1.1423,

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

78.3170, -1.1423, -53.7750

Protanopia

95.1290, -12.3886, 6.9029

Deuteranopia

96.3130, -8.0423, 12.8805



Tritanopia

86.5910, 13.5126, -40.8603

Trichromacy



Original Color

78.3170, -1.1423, -53.7750

Protanomaly

89.0230, -8.3923, -14.9292

Deuteranomaly

90.1420, -5.4930, -11.5255

Tritanomaly

83.7770, 7.9979, -45.4084

Monochromacy



Original Color

78.3170, -1.1423, -53.7750

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.3520, -0.6665, -19.6027

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3170, -1.1423, -53.7750 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(17, 110, 76)` looks like.

```
.text, #text, p{  
    color:rgb(17, 110, 76)  
}
```

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(17, 110, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 110, 76) }
```

Border

The CSS property to change the border of an element to YUV 78.3170, -1.1423, -53.7750 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(17, 110, 76) }
```


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

```
.border{ border-color:rgb(17, 110, 76) }
```

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

Here you see how a box with a 4 pixel rgb(17, 110, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 110, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 110, 76);  
box-shadow:4px 4px 4px 4px rgb(17, 110,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 78.3170, -1.1423, -53.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 110, 76) }
```

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

```
.background{ background-color: rgb(17, 110,  
76) }
```

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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