

Converting Colors

YUV(80.9300, -7.3605, -19.2326)

Have a look what the booklet for
YUV(80.9300, -7.3605, -19.2326)
contains.

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Color

**YUV(80.9300, -7.3605,
-19.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5F42
RGB	59, 95, 66
RGB Percent	23%, 37%, 26%
CMY	0.7686, 0.6275, 0.7412
CMYK	0.38, 0.00, 0.31, 0.63
HSL	132°, 23%, 30%
HSV	132°, 38%, 37%
XYZ	6.8792, 9.5076, 6.6268
YIQ	80.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

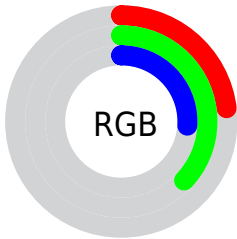
Format	Color
R_{YB}	59, 89, 95
Decimal	3891010
CIE _{Lab}	36.94, -19.83, 12.61
CIE _{LCh}	37, 23.505, 147.550
Yxy	9.5076, 0.2989, 0.4131
Android (android.graphics.Color)	4282081090 (0xFF3B5F42)
YUV	80.9300, -7.3605, -19.2326
Hunter-Lab	30.8344, -14.1364, 8.8416

Details

The YUV color **80.9300, -7.3605, -19.2326** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.0700, 7.3605, 19.2326**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9900, -8.3761, -20.1622**, and **34.6850, -5.7607, -19.0177** is the 20% darker color. If you saturate the color by 10%, you get **77.0280, -9.3808, -24.5806**, and if you desaturate by 10%, it is **84.8320, -5.3402, -13.8847**.

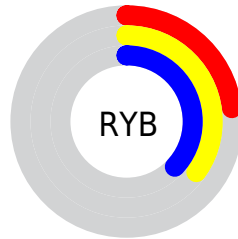
Distribution



Red (23%)

Green (37%)

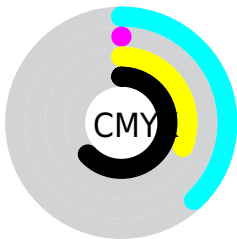
Blue (26%)



Red (23%)

Yellow (35%)

Blue (37%)

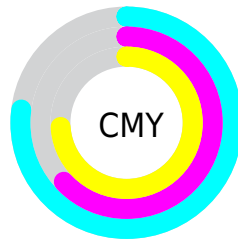


Cyan (38%)

Magenta (0%)

Yellow (31%)

Black (63%)



Cyan (77%)

Magenta (63%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9300, -7.3605, -19.2326 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 80.9300, -7.3605, -19.2326 by changing the saturation by 10% instead.

■ 80.9300, -7.3605,
-19.2326

■ 80.9300, -7.3605,
-19.2326

■ 255.0000, 0.0000,
0.0000

■ 57.4570, -6.6343,
-18.8178

■ 130.9900, -8.3761,
-20.1622

■ 34.6850, -5.7607,
-19.0177

■ 156.6910, -8.2287,
-20.7770

■ 17.0230, -8.3923,
-14.9292

■ 184.1640, -8.9549,
-21.1918

■ 0.0000, 0.0000,
0.0000

■ 211.7510, -9.2442,
-21.7066

■ 239.1640, -8.9549,
-21.1918

■ 251.1410, -0.5625,

-6.2627

■ 80.9300, -7.3605,
-19.2326

■ 80.9300, -7.3605,
-19.2326

■ 77.0280, -9.3808,
-24.5806

■ 84.8320, -5.3402,
-13.8847

■ 73.5390, -11.1117,
-29.4137

■ 88.3210, -3.6093,
-9.0515

■ 69.9360, -13.2794,
-34.1469

■ 92.2230, -1.5889,
-3.7036

■ 66.0340, -15.2998,
-39.4948

■ 95.8260, 0.5788,
1.0296

■ 62.5450, -17.0307,
-44.3280

■ 99.3150, 2.3097,
5.8627

■ 58.6430, -19.0510,
-49.6759

■ 103.2170, 4.3300,
11.2107

■ 57.8170, -19.6298,
-50.7055

■ 107.1190, 6.3503,
16.5586

■ 110.6080, 8.0813,
21.3918

■ 114.5100, 10.1016,
26.7397

Harmonies

Analogous

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



83.6780, -15.1243, -2.3486



80.9300, -7.3605, -19.2326



76.4960, 4.1925, -38.1460

Triad

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



80.9300, -7.3605, -19.2326



83.4220, 20.0050, -23.1721



87.6080, -8.6807, 31.0388

Complementary

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



80.9300, -7.3605, -19.2326



73.0700, 7.3605, 19.2326

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.



88.8880, 0.0552, 29.0392



80.9300, -7.3605, -19.2326



88.4140, 15.5719, -1.2401

Square

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



80.9300, -7.3605, -19.2326



74.9090, 21.2439, -47.2782



89.4010, 8.6763, 17.1883



87.4410, -15.5004, 25.0462

Rectangle

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



80.9300, -7.3605, -19.2326



71.9980, 12.8190, -51.7412



89.4010, 8.6763, 17.1883



88.5910, -6.2074, 31.0537

Sweetspot

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



80.9300, -7.3605, -19.2326



116.9730, -2.4517, -6.9923



88.8030, -14.6929, -0.7042



57.9240, -1.4415, -4.3183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.9300, -7.3605, -19.2326



100.5390, -11.1117, -29.4137



82.9820, 0.5019, -21.0322



46.4620, -0.7208, -2.1592



68.2520, -22.8022, -59.8570



146.2380, -48.9243, -128.2507

Inverse Universe

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



73.0700, 7.3605, 19.2326



88.5750, 11.5485, 29.3137



71.0180, -0.5019, 21.0322



45.6520, 1.1576, 2.0592



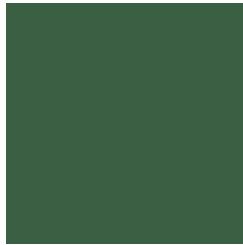
43.7480, 22.8022, 59.8570



93.7620, 48.9243, 128.2507

Previews

White Background



This preview shows how the YUV color 80.9300, -7.3605, -19.2326 looks on a white background.

Color Contrast Check

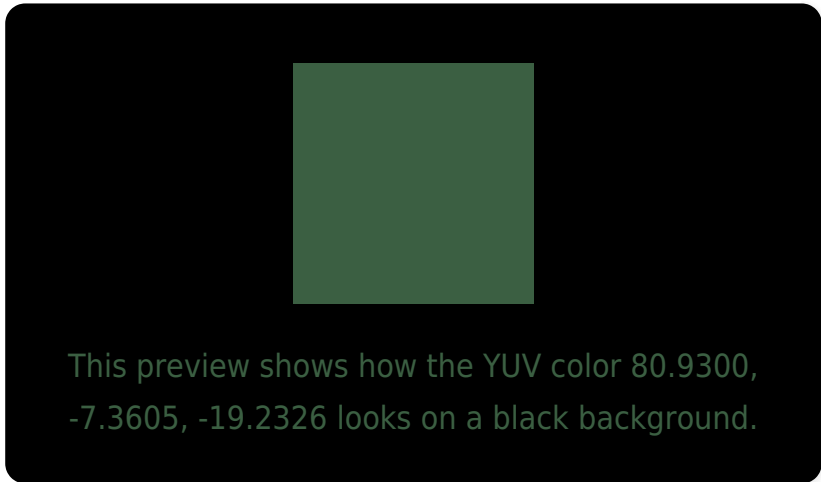
Large Text (above 18pt) WCAG AA ✓ Pass

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

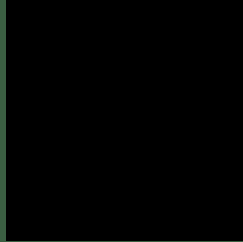
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9300, -7.3605, -19.2326

Background



This preview shows how black text looks on a background with the YUV color 80.9300, -7.3605, -19.2326.



This preview shows how white text looks on a background with the YUV color 80.9300, -7.3605,

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

80.9300, -7.3605, -19.2326

Protanopia

85.9440, -11.8044, 6.1881

Deuteranopia

86.7860, -8.7685, 12.4657



Tritanopia

84.3230, 6.7428, -16.0693

Trichromacy



Original Color

80.9300, -7.3605, -19.2326

Protanomaly

84.2310, -10.4669, -2.8336

Deuteranomaly

84.5350, -8.1518, 1.2848

Tritanomaly

82.6450, 1.6540, -17.2287

Monochromacy



Original Color

80.9300, -7.3605, -19.2326

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9300, -7.3605, -19.2326 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(59, 95, 66)` looks like.

```
.text, #text, p{  
    color:rgb(59, 95, 66)  
}
```

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(59, 95, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 95, 66) }
```

Border

The CSS property to change the border of an element to YUV 80.9300, -7.3605, -19.2326 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(59, 95, 66) }
```


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

```
.border{ border-color:rgb(59, 95, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 95, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 95, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 95, 66);  
box-shadow:4px 4px 4px 4px rgb(59, 95, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.9300, -7.3605, -19.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 95, 66) }
```

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

```
.background{ background-color: rgb(59, 95,  
66) }
```

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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