

Converting Colors

YUV(97.3580, -3.1345, -21.3620)

Have a look what the booklet for
YUV(97.3580, -3.1345, -21.3620)
contains.

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Color

**YUV(97.3580, -3.1345,
-21.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	496F5B
RGB	73, 111, 91
RGB Percent	29%, 44%, 36%
CMY	0.7137, 0.5647, 0.6431
CMYK	0.34, 0.00, 0.18, 0.56
HSL	148°, 21%, 36%
HSV	148°, 34%, 44%
XYZ	10.3204, 13.5407, 11.9672
YIQ	97.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

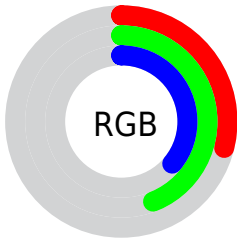
Format	Color
RYB	73, 99, 111
Decimal	4812635
CIELab	43.57, -18.22, 6.90
CIElCh	44, 19.479, 159.255
Yxy	13.5407, 0.2881, 0.3779
Android (android.graphics.Color)	4283002715 (0xFF496F5B)
YUV	97.3580, -3.1345, -21.3620
Hunter-Lab	36.7977, -14.3331, 6.4763

Details

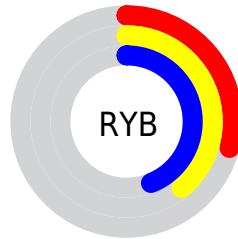
The YUV color **97.3580, -3.1345, -21.3620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.6420, 3.1345, 21.3620**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5320, -3.7133, -22.3916**, and **49.8850, -2.4083, -20.9471** is the 20% darker color. If you saturate the color by 10%, you get **93.3850, -4.1338, -27.5246**, and if you desaturate by 10%, it is **101.3310, -2.1352, -15.1993**.

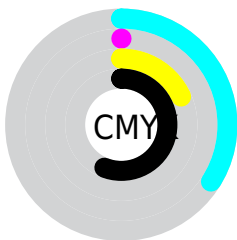
Distribution



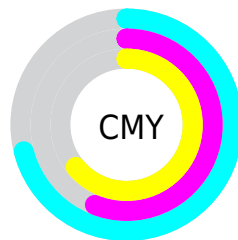
- Red (29%)
- Green (44%)
- Blue (36%)



- Red (29%)
- Yellow (39%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3580, -3.1345, -21.3620 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 97.3580, -3.1345, -21.3620 by changing the saturation by 10% instead.

97.3580, -3.1345,
-21.3620

97.3580, -3.1345,
-21.3620

255.0000, 0.0000,
0.0000

72.8850, -2.4083,
-20.9471

148.5320, -3.7133,
-22.3916

49.8850, -2.4083,
-20.9471

175.2330, -3.5659,
-23.0063

27.8140, -1.3873,
-21.7619

202.8200, -3.8553,
-23.5211

12.3270, -6.0772,
-10.8108

230.8200, -3.8553,
-23.5211

0.0000, 0.0000,
0.0000

247.6670, 1.6432,
-13.7400

■ 97.3580, -3.1345,
-21.3620

■ 97.3580, -3.1345,
-21.3620

■ 93.3850, -4.1338,
-27.5246

■ 101.3310, -2.1352,
-15.1993

■ 89.4120, -5.1331,
-33.6873

■ 105.3040, -1.1359,
-9.0366

■ 85.4390, -6.1324,
-39.8500

■ 109.2770, -0.1366,
-2.8739

■ 81.5800, -6.6949,
-46.1127

■ 113.1360, 0.4260,
3.3887

■ 77.3080, -7.5468,
-52.8901

■ 117.4080, 1.2779,
10.1662

■ 73.3350, -8.5462,
-59.0528

■ 121.3810, 2.2772,
16.3289

■ 71.1990, -8.9721,
-62.4415

■ 125.3540, 3.2765,
22.4915

■ 129.3270, 4.2758,

28.6542

■ 133.3000, 5.2751,
34.8169

Harmonies

Analogous

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



99.7960, -10.7454, -6.8371



97.3580, -3.1345, -21.3620



95.3980, 6.2128, -32.7980

Triad

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



97.3580, -3.1345, -21.3620



102.7610, 15.8938, -11.1914



104.1190, -10.4117, 26.2056

Complementary

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



97.3580, -3.1345, -21.3620



86.6420, 3.1345, 21.3620

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.



104.9540, -3.4283, 26.3503



97.3580, -3.1345, -21.3620



105.0190, 11.3296, 6.1223

Square

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



97.3580, -3.1345, -21.3620



98.5910, 16.9636, -27.7053



105.9730, 4.4503, 19.3177



102.9240, -14.7525, 18.4837

Rectangle

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



97.3580, -3.1345, -21.3620



94.4560, 11.6072, -36.3569



105.9730, 4.4503, 19.3177



104.4010, -8.0857, 26.8353

Sweetspot

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



97.3580, -3.1345, -21.3620



140.0160, -0.9939, -7.9070



101.2860, -13.9450, -7.2668



70.7390, -0.8573, -5.0331



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



97.3580, -3.1345, -21.3620



123.8250, -4.8437, -33.1725



99.5240, 5.1647, -23.2615



53.8640, -0.4260, -3.3887



76.9380, -9.8294, -67.4746



158.3270, -20.3742, -138.8528

Inverse Universe

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



86.6420, 3.1345, 21.3620



107.1750, 4.8437, 33.1725



84.4760, -5.1647, 23.2615



52.1360, 0.4260, 3.3887



43.0620, 9.8294, 67.4746



88.6730, 20.3742, 138.8528

Previews

White Background



This preview shows how the YUV color 97.3580, -3.1345, -21.3620 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 97.3580, -3.1345, -21.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

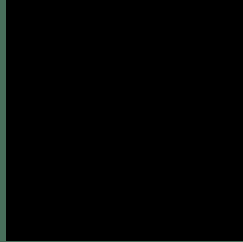
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3580, -3.1345, -21.3620

Background



This preview shows how black text looks on a background with the YUV color 97.3580, -3.1345, -21.3620.



This preview shows how white text looks on a background with the YUV color 97.3580, -3.1345,

-21.3620.

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

97.3580, -3.1345, -21.3620

Protanopia

102.0840, -7.4364, 5.1883

Deuteranopia

103.5130, -4.6899, 10.9511



Tritanopia

99.9420, 7.9166, -19.2431

Trichromacy



Original Color

97.3580, -3.1345, -21.3620

Protanomaly

100.0720, -5.9515, -4.4481

Deuteranomaly

100.9630, -3.9258, -0.8446

Tritanomaly

98.9050, 3.9908, -20.0877

Monochromacy



Original Color

97.3580, -3.1345, -21.3620

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3580, -3.1345, -21.3620 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(73, 111, 91)` looks like.

```
.text, #text, p{  
    color:rgb(73, 111, 91)  
}
```

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(73, 111, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 111, 91) }
```

Border

The CSS property to change the border of an element to YUV 97.3580, -3.1345, -21.3620 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(73, 111, 91) }
```


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

```
.border{ border-color:rgb(73, 111, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 111, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 111, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 111, 91);  
box-shadow:4px 4px 4px 4px rgb(73, 111,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 97.3580, -3.1345, -21.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 111, 91) }
```

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

```
.background{ background-color: rgb(73, 111,  
91) }
```

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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