

Converting Colors

YUV(96.9990, -1.9715, -21.0471)

Have a look what the booklet for
YUV(96.9990, -1.9715, -21.0471)
contains.

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Color

**YUV(96.9990, -1.9715,
-21.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	496E5D
RGB	73, 110, 93
RGB Percent	29%, 43%, 36%
CMY	0.7137, 0.5686, 0.6353
CMYK	0.34, 0.00, 0.15, 0.57
HSL	152°, 20%, 36%
HSV	152°, 34%, 43%
XYZ	10.2994, 13.3586, 12.3916
YIQ	96.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

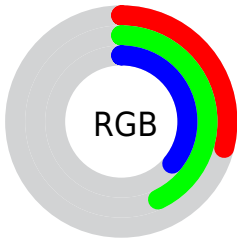
Format	Color
R_{YB}	73, 97, 110
Decimal	4812381
CIE _{Lab}	43.30, -17.22, 5.32
CIE _{LCh}	43, 18.025, 162.841
Yxy	13.3586, 0.2857, 0.3706
Android (android.graphics.Color)	4283002461 (0xFF496E5D)
YUV	96.9990, -1.9715, -21.0471
Hunter-Lab	36.5495, -13.6616, 5.4832

Details

The YUV color **96.9990, -1.9715, -21.0471** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.0010, 1.9715, 21.0471**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1730, -2.5503, -22.0767**, and **49.5260, -1.2453, -20.6323** is the 20% darker color. If you saturate the color by 10%, you get **93.1400, -2.5340, -27.3098**, and if you desaturate by 10%, it is **100.8580, -1.4090, -14.7845**.

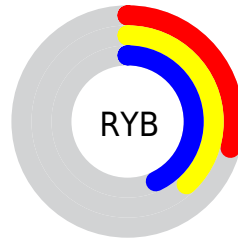
Distribution



Red (29%)

Green (43%)

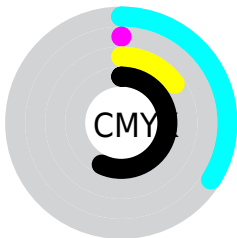
Blue (36%)



Red (29%)

Yellow (38%)

Blue (43%)

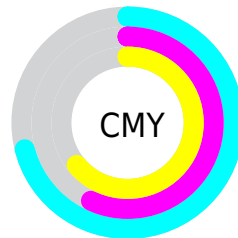


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9990, -1.9715, -21.0471 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 96.9990, -1.9715, -21.0471 by changing the saturation by 10% instead.

96.9990, -1.9715,
-21.0471

96.9990, -1.9715,
-21.0471

255.0000, 0.0000,
0.0000

72.9990, -1.9715,
-21.0471

148.1730, -2.5503,
-22.0767

49.5260, -1.2453,
-20.6323

174.8740, -2.4029,
-22.6915

27.3410, -0.6611,
-21.3471

202.4610, -2.6923,
-23.2063

11.7400, -5.7878,
-10.2960

230.4610, -2.6923,
-23.2063

0.0000, 0.0000,
0.0000

248.0090, 2.9536,
-14.0399

■ 96.9990, -1.9715,
-21.0471

■ 96.9990, -1.9715,
-21.0471

■ 93.1400, -2.5340,
-27.3098

■ 100.8580, -1.4090,
-14.7845

■ 89.2810, -3.0965,
-33.5724

■ 104.7170, -0.8465,
-8.5218

■ 85.4220, -3.6590,
-39.8351

■ 108.5760, -0.2840,
-2.2592

■ 81.5630, -4.2216,
-46.0978

■ 112.4350, 0.2785,
4.0035

■ 77.7040, -4.7841,
-52.3604

■ 116.2940, 0.8411,
10.2662

■ 73.8450, -5.3466,
-58.6231

■ 120.1530, 1.4036,
16.5288

■ 71.2960, -6.0619,
-62.5266

■ 124.0120, 1.9661,
22.7915

■ 127.8710, 2.5286,

29.0541

■ 131.7300, 3.0911,
35.3168

Harmonies

Analogous

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



98.8390, -9.2876, -7.7518



96.9990, -1.9715, -21.0471



95.4090, 6.2074, -31.0537

Triad

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



96.9990, -1.9715, -21.0471



102.0280, 14.2832, -7.9176



103.5100, -10.1114, 23.2317

Complementary

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



96.9990, -1.9715, -21.0471



86.0010, 1.9715, 21.0471

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.



103.8290, -3.8597, 24.7060



96.9990, -1.9715, -21.0471



104.2750, 9.7244, 7.6518

Square

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



96.9990, -1.9715, -21.0471



98.5700, 15.4950, -23.3019



104.6310, 3.1399, 19.6176



102.1410, -13.8735, 16.5393

Rectangle

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



96.9990, -1.9715, -21.0471



95.3640, 11.1595, -32.7682



104.6310, 3.1399, 19.6176



103.9770, -8.3697, 24.5762

Sweetspot

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



96.9990, -1.9715, -21.0471



138.0160, -0.9939, -7.9070



99.8020, -13.2134, -8.5964



68.1520, -0.5679, -4.5183



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.



96.9990, -1.9715, -21.0471



122.9930, -2.9545, -32.4429



98.3500, 5.7434, -22.2320



53.9780, 0.0108, -3.4887



77.8500, -6.3350, -68.2745



160.2650, -12.9486, -140.5524

Inverse Universe

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



86.0010, 1.9715, 21.0471



106.0070, 2.9545, 32.4429



84.6500, -5.7435, 22.2319



52.1360, 0.4260, 3.3887



42.1500, 6.3351, 68.2745



86.8490, 13.3854, 140.4524

Previews

White Background



This preview shows how the YUV color 96.9990, -1.9715, -21.0471 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 96.9990, -1.9715, -21.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

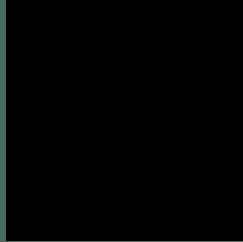
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9990, -1.9715, -21.0471

Background



This preview shows how black text looks on a background with the YUV color 96.9990, -1.9715, -21.0471.



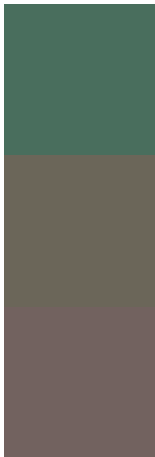
This preview shows how white text looks on a background with the YUV color 96.9990, -1.9715,

-21.0471.

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

96.9990, -1.9715, -21.0471

Protanopia

102.0130, -6.4154, 4.3736

Deuteranopia

102.4420, -3.6689, 10.1364



Tritanopia

99.2410, 7.7692, -18.6284

Trichromacy



Original Color

96.9990, -1.9715, -21.0471

Protanomaly

100.3000, -5.0779, -4.6481

Deuteranomaly

100.1910, -3.0522, -1.0445

Tritanomaly

98.3180, 4.2802, -19.5729

Monochromacy



Original Color

96.9990, -1.9715, -21.0471

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9990, -1.9715, -21.0471 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, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(73, 110, 93)  
}
```

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, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 110, 93) }
```

Border

The CSS property to change the border of an element to YUV 96.9990, -1.9715, -21.0471 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, 110, 93) }
```


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

```
.border{ border-color:rgb(73, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(73, 110,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 96.9990, -1.9715, -21.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 110, 93) }
```

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

```
.background{ background-color: rgb(73, 110,  
93) }
```

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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