

Converting Colors

YUV(97.1820, 3.8543, -22.9616)

Have a look what the booklet for
YUV(97.1820, 3.8543, -22.9616)
contains.

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Color

**YUV(97.1820, 3.8543,
-22.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	476D69
RGB	71, 109, 105
RGB Percent	28%, 43%, 41%
CMY	0.7216, 0.5725, 0.5882
CMYK	0.35, 0.00, 0.04, 0.57
HSL	174°, 21%, 35%
HSV	174°, 35%, 43%
XYZ	10.6170, 13.2968, 15.3716
YIQ	97.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

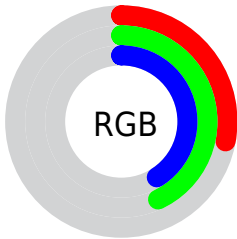
Format	Color
R_{YB}	71, 91, 109
Decimal	4681065
CIE _{Lab}	43.21, -14.40, -2.06
CIE _{LCh}	43, 14.549, 188.134
Yxy	13.2968, 0.2703, 0.3385
Android (android.graphics.Color)	4282871145 (0xFF476D69)
YUV	97.1820, 3.8543, -22.9616
Hunter-Lab	36.4648, -11.8418, 0.5319

Details

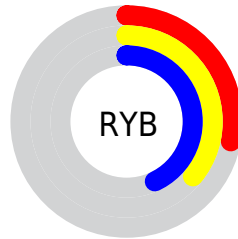
The YUV color **97.1820, 3.8543, -22.9616** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.8180, -3.8543, 22.9616**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4700, 3.7123, -24.0912**, and **49.2960, 4.2911, -23.0616** is the 20% darker color. If you saturate the color by 10%, you get **93.7790, 5.0390, -29.6242**, and if you desaturate by 10%, it is **100.5850, 2.6696, -16.2990**.

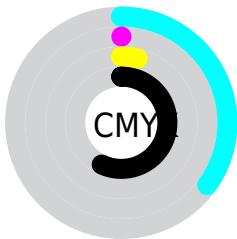
Distribution



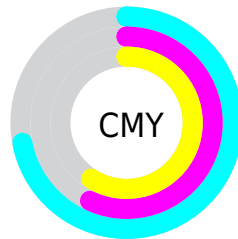
- Red (28%)
- Green (43%)
- Blue (41%)



- Red (28%)
- Yellow (36%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)



- Cyan (72%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1820, 3.8543, -22.9616 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 97.1820, 3.8543, -22.9616 by changing the saturation by 10% instead.

■ 97.1820, 3.8543,
-22.9616

■ 97.1820, 3.8543,
-22.9616

■ 255.0000, 0.0000,
0.0000

■ 73.1820, 3.8543,
-22.9616

■ 148.4700, 3.7123,
-24.0912

■ 49.2960, 4.2911,
-23.0616

■ 175.1710, 3.8597,
-24.7060

■ 26.9970, 4.4385,
-23.6764

■ 202.2850, 4.2965,
-24.8059

■ 13.4500, 0.7642,
-11.7957

■ 230.8720, 4.0071,
-25.3207

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,
-15.3694

■ 97.1820, 3.8543,
-22.9616

■ 97.1820, 3.8543,
-22.9616

■ 93.7790, 5.0390,
-29.6242

■ 100.5850, 2.6696,
-16.2990

■ 90.3760, 6.2236,
-36.2868

■ 103.9880, 1.4849,
-9.6365

■ 86.9730, 7.4083,
-42.9493

■ 107.3910, 0.3002,
-2.9739

■ 83.4560, 8.1562,
-49.5119

■ 110.9080, -0.4476,
3.5887

■ 80.0530, 9.3409,
-56.1745

■ 114.3110, -1.6323,
10.2513

■ 76.9490, 10.3781,
-62.2223

■ 117.4150, -2.6696,
16.2990

■ 75.1550, 11.2626,
-65.9109

■ 120.8180, -3.8543,
22.9616

■ 124.2210, -5.0390,

29.6242

■ 127.6240, -6.2236,
36.2868

Harmonies

Analogous

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



98.2170, -2.5720, -15.0993



97.1820, 3.8543, -22.9616



97.2510, 9.2433, -24.7761

Triad

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



97.1820, 3.8543, -22.9616



103.6120, 8.5723, 3.8483



102.2270, -10.9579, 14.7099

Complementary

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



97.1820, 3.8543, -22.9616



82.8180, -3.8543, 22.9616

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.



103.4710, -7.6272, 19.7579



97.1820, 3.8543, -22.9616



104.2990, 3.3036, 13.7698

Square

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



97.1820, 3.8543, -22.9616



101.7460, 11.9572, -8.5472



104.4370, -2.6804, 19.7878



101.0580, -11.3676, 6.0881

Rectangle

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



97.1820, 3.8543, -22.9616



98.8430, 11.4164, -21.7873



104.4370, -2.6804, 19.7878



102.7650, -10.2371, 16.8691

Sweetspot

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



97.1820, 3.8543, -22.9616



138.5860, 1.1901, -8.4069



94.5020, -11.5865, -17.1033



68.4940, 0.7425, -4.8182



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.



97.1820, 3.8543, -22.9616



124.2620, 5.7868, -36.1868



88.8330, 9.9423, -15.6395



52.0920, 0.4476, -3.5887



80.6490, 12.0050, -70.7292



168.7810, 24.7580, -148.0209

Inverse Universe

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



82.8180, -3.8543, 22.9616



101.6240, -6.2236, 36.2868



91.1670, -9.9423, 15.6395



49.9080, -0.4476, 3.5887



36.3510, -12.0050, 70.7292



76.2190, -24.7580, 148.0209

Previews

White Background



This preview shows how the YUV color 97.1820, 3.8543, -22.9616 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 97.1820, 3.8543, -22.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

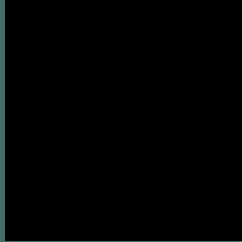
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.1820, 3.8543, -22.9616

Background



This preview shows how black text looks on a background with the YUV color 97.1820, 3.8543, -22.9616.



This preview shows how white text looks on a background with the YUV color 97.1820, 3.8543, -22.9616.

-22.9616.

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

97.1820, 3.8543, -22.9616

Protanopia

101.7830, -0.8790, 1.9443

Deuteranopia

102.9020, 2.0203, 5.3479



Tritanopia

98.1590, 8.7956, -21.1874

Trichromacy



Original Color

97.1820, 3.8543, -22.9616

Protanomaly

100.1840, 0.8953, -7.1774

Deuteranomaly

100.9500, 2.4896, -5.2182

Tritanomaly

97.9910, 6.9064, -21.9171

Monochromacy



Original Color

97.1820, 3.8543, -22.9616

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1820, 3.8543, -22.9616 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(71, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(71, 109, 105)  
}
```

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(71, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 109, 105) }
```

Border

The CSS property to change the border of an element to YUV 97.1820, 3.8543, -22.9616 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(71, 109, 105) }
```


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

```
.border{ border-color:rgb(71, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(71, 109,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 97.1820, 3.8543, -22.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 109, 105) }
```

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

```
.background{ background-color: rgb(71, 109,  
105) }
```

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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