

Converting Colors

YUV(90.1990, 1.3809, -22.9765)

Have a look what the booklet for
YUV(90.1990, 1.3809, -22.9765)
contains.

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Color

**YUV(90.1990, 1.3809,
-22.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	40675D
RGB	64, 103, 93
RGB Percent	25%, 40%, 36%
CMY	0.7490, 0.5961, 0.6353
CMYK	0.38, 0.00, 0.10, 0.60
HSL	165°, 23%, 33%
HSV	165°, 38%, 40%
XYZ	8.9404, 11.5808, 12.1200
YIQ	90.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

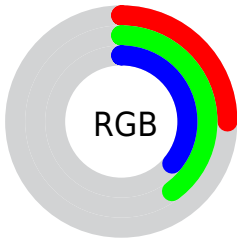
Format	Color
R_{YB}	64, 86, 103
Decimal	4220765
CIE _{Lab}	40.54, -16.32, 1.28
CIE _{LCh}	41, 16.373, 175.523
Yxy	11.5808, 0.2739, 0.3548
Android (android.graphics.Color)	4282410845 (0xFF40675D)
YUV	90.1990, 1.3809, -22.9765
Hunter-Lab	34.0306, -12.6586, 2.7052




Details

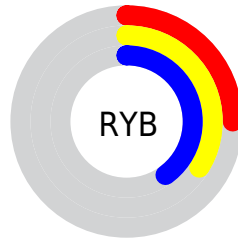
The YUV color **90.1990, 1.3809, -22.9765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.8010, -1.3809, 22.9765**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **140.7860, 1.0915, -23.4913**, and **43.0140, 1.9651, -23.6913** is the 20% darker color. If you saturate the color by 10%, you get **86.8670, 1.5446, -28.8244**, and if you desaturate by 10%, it is **93.5310, 1.2172, -17.1287**.

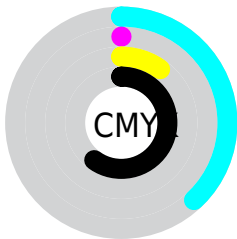
Distribution







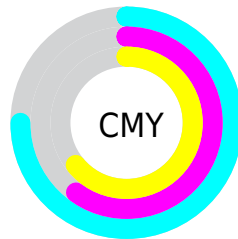
-  Red (25%)
-  Green (40%)
-  Blue (36%)






-  Red (25%)
-  Yellow (34%)
-  Blue (40%)



-  Cyan (38%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (60%)



-  Cyan (75%)
-  Magenta (60%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1990, 1.3809, -22.9765 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 90.1990, 1.3809, -22.9765 by changing the saturation by 10% instead.

90.1990, 1.3809,
-22.9765

90.1990, 1.3809,
-22.9765

255.0000, 0.0000,
0.0000

66.1990, 1.3809,
-22.9765

140.7860, 1.0915,
-23.4913

43.0140, 1.9651,
-23.6913

167.4870, 1.2389,
-24.1061

22.9220, 1.5175,
-20.1026

194.7750, 1.0969,
-25.2357

2.3480, -1.1576,
-2.0592

222.7750, 1.0969,
-25.2357

0.0000, 0.0000,
0.0000

245.0190, 4.4276,
-20.1877

253.8040, 0.5896,

-2.4591

■ 90.1990, 1.3809,
-22.9765

■ 90.1990, 1.3809,
-22.9765

■ 86.8670, 1.5446,
-28.8244

■ 93.5310, 1.2172,
-17.1287

■ 83.3500, 2.2925,
-35.3869

■ 97.0480, 0.4693,
-10.5661

■ 80.0180, 2.4561,
-41.2348

■ 100.3800, 0.3057,
-4.7183

■ 76.6860, 2.6198,
-47.0826

■ 103.7120, 0.1420,
1.1296

■ 73.4680, 3.2203,
-53.0304

■ 107.2290, -0.6059,
7.6922

■ 69.8370, 3.5314,
-59.4930

■ 110.5610, -0.7696,
13.5400

■ 69.2390, 3.8262,
-60.7226

■ 113.7790, -1.3700,
19.4878

■ 117.1110, -1.5337,
25.3357

■ 120.7420, -1.8448,
31.7983

Harmonies

Analogous

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



91.7290, -5.7824, -12.0403



90.1990, 1.3809, -22.9765



89.4030, 8.6753, -29.2944

Triad

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



90.1990, 1.3809, -22.9765



96.6760, 11.4987, -1.4699



96.5480, -11.1162, 18.8134

Complementary

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



90.1990, 1.3809, -22.9765



76.8010, -1.3809, 22.9765

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.



96.9490, -5.8909, 22.8467



90.1990, 1.3809, -22.9765



97.4990, 6.6560, 11.8404

Square

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



90.1990, 1.3809, -22.9765



93.5710, 14.0155, -15.4098



97.8330, 0.0823, 20.3175



95.0370, -12.8362, 10.4916

Rectangle

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



90.1990, 1.3809, -22.9765



90.2120, 11.7275, -28.2499



97.8330, 0.0823, 20.3175



96.3140, -9.5218, 20.7726

Sweetspot

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



90.1990, 1.3809, -22.9765



130.0590, 0.4639, -8.8217



89.8830, -12.7603, -13.9294



66.0810, 0.4531, -5.3330



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



90.1990, 1.3809, -22.9765



115.0510, 2.4399, -36.0017



86.0560, 8.3534, -19.3431



49.3910, 0.3002, -2.9739



77.1950, 3.8479, -67.7000



162.5740, 8.5910, -142.5774

Inverse Universe

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



76.8010, -1.3809, 22.9765



94.0630, -2.0031, 35.9017



80.9440, -8.3534, 19.3431



47.6090, -0.3002, 2.9739



37.6910, -4.2847, 67.8000



79.4260, -8.5910, 142.5774

Previews

White Background



This preview shows how the YUV color 90.1990, 1.3809, -22.9765 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 90.1990, 1.3809, -22.9765 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 90.1990, 1.3809, -22.9765

Background



This preview shows how black text looks on a background with the YUV color 90.1990, 1.3809, -22.9765.



This preview shows how white text looks on a background with the YUV color 90.1990, 1.3809, -22.9765.

-22.9765.

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

90.1990, 1.3809, -22.9765

Protanopia

95.2130, -3.0630, 2.4442

Deuteranopia

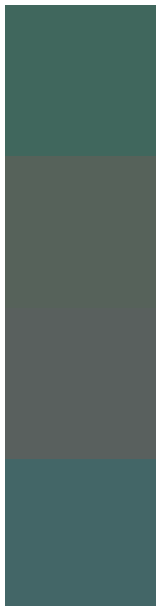
95.9300, -0.4585, 7.0774



Tritanopia

92.0450, 8.3588, -21.0875

Trichromacy



Original Color

90.1990, 1.3809, -22.9765

Protanomaly

93.5000, -1.7255, -6.5775

Deuteranomaly

93.6790, 0.1583, -4.1035

Tritanomaly

91.6490, 5.5960, -21.6172

Monochromacy



Original Color

90.1990, 1.3809, -22.9765

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.3580, 0.3165, -8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1990, 1.3809, -22.9765 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(64, 103, 93)` looks like.

```
.text, #text, p{  
    color:rgb(64, 103, 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(64, 103, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 103, 93) }
```

Border

The CSS property to change the border of an element to YUV 90.1990, 1.3809, -22.9765 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(64, 103, 93) }
```


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

```
.border{ border-color:rgb(64, 103, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 103, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 103, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 103, 93);  
box-shadow:4px 4px 4px 4px rgb(64, 103,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 90.1990, 1.3809, -22.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 103, 93) }
```

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

```
.background{ background-color: rgb(64, 103,  
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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