

Converting Colors

YUV(99.1190, 2.8993, 3.4036)

Have a look what the booklet for
YUV(99.1190, 2.8993, 3.4036)
contains.

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Color

**YUV(99.1190, 2.8993,
3.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	676069
RGB	103, 96, 105
RGB Percent	40%, 38%, 41%
CMY	0.5961, 0.6235, 0.5882
CMYK	0.02, 0.09, 0.00, 0.59
HSL	287°, 4%, 39%
HSV	287°, 9%, 41%
XYZ	12.3262, 12.2692, 15.0831
YIQ	99.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

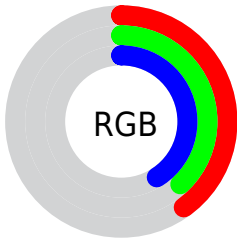
Format	Color
R_{YB}	103, 96, 105
Decimal	6774889
CIE _{Lab}	41.64, 4.63, -4.10
CIE _{LCh}	42, 6.189, 318.471
Yxy	12.2692, 0.3107, 0.3092
Android (android.graphics.Color)	4284964969 (0xFF676069)
YUV	99.1190, 2.8993, 3.4036
Hunter-Lab	35.0275, 1.5163, -1.0116

Details

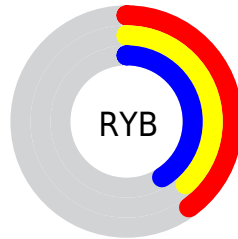
The YUV color **99.1190, 2.8993, 3.4036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.8810, -2.8993, -3.4036**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5320, 3.1887, 3.9184**, and **52.7060, 2.6099, 2.8888** is the 20% darker color. If you saturate the color by 10%, you get **92.6510, 6.0881, 7.3221**, and if you desaturate by 10%, it is **105.5870, -0.2894, -0.5148**.

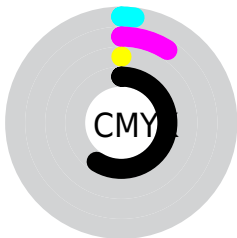
Distribution



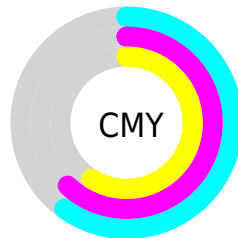
- Red (40%)
- Green (38%)
- Blue (41%)



- Red (40%)
- Yellow (38%)
- Blue (41%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1190, 2.8993, 3.4036 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 99.1190, 2.8993, 3.4036 by changing the saturation by 10% instead.

■ 99.1190, 2.8993,
3.4036

■ 99.1190, 2.8993,
3.4036

255.0000, 0.0000,
0.0000

■ 75.1190, 2.8993,
3.4036

■ 149.5320, 3.1887,
3.9184

■ 52.7060, 2.6099,
2.8888

■ 176.5320, 3.1887,
3.9184

■ 31.5920, 2.1731,
2.9888

■ 203.6460, 3.6255,
3.8185

■ 7.3580, 3.7675,
4.9480

■ 231.9450, 3.4781,
4.4332

■ 0.0000, 0.0000,
0.0000

■ 99.1190, 2.8993,

■ 99.1190, 2.8993,

3.4036

■ 92.6510, 6.0881,
7.3221

■ 85.2970, 9.7136,
11.1405

■ 78.8290, 12.9023,
15.0590

■ 71.7740, 16.3804,
19.4922

■ 64.4200, 20.0059,
23.3107

■ 57.9520, 23.1947,
27.2291

■ 51.4840, 26.3834,
31.1475

■ 44.1300, 30.0089,
34.9660

3.4036

■ 105.5870, -0.2894,
-0.5148

■ 112.9410, -3.9149,
-4.3333

■ 119.9960, -7.3930,
-8.7665

■ 126.4640,
-10.5818, -12.6849

■ 133.8180,
-14.2073, -16.5034

■ 140.2860,
-17.3960, -20.4218

■ 147.3410,
-20.8741, -24.8551

■ 154.1080,
-24.2102, -28.1587

■ 37.6620, 33.1976,
38.8844

■ 161.1630,
-27.6884, -32.5920

Harmonies

Analogous

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



98.8410, 4.5154, -1.6146



99.1190, 2.8993, 3.4036



99.4570, 0.2677, 7.4922

Triad

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



99.1190, 2.8993, 3.4036



98.0670, -4.9630, 5.2032



96.5150, 2.2111, -9.2217

Complementary

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



99.1190, 2.8993, 3.4036



101.8810, -2.8993, -3.4036

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.



96.5430, -0.2677, -7.4922



99.1190, 2.8993, 3.4036



97.8600, -4.3680, 0.9998

Square

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



99.1190, 2.8993, 3.4036



99.0180, -3.9529, 7.8772



96.8810, -2.8993, -3.4036



97.3840, 4.2477, -9.1068

Rectangle

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



99.1190, 2.8993, 3.4036



99.4140, -1.1901, 8.4069



96.8810, -2.8993, -3.4036



96.4010, 1.7743, -9.1217

Sweetspot

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



99.1190, 2.8993, 3.4036



135.3530, 1.3050, 1.4444



98.2000, 3.3524, -1.9294



66.9400, 1.0156, 0.9296



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.



99.1190, 2.8993, 3.4036



128.8850, 4.4937, 5.3629



99.4890, 1.7309, 4.8331



49.8800, 2.0312, 1.8592



40.5470, 37.6913, 44.2473



84.7400, 79.0082, 92.3130

Inverse Universe

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



98.9190, -0.4531, 5.3330



128.5280, -0.7533, 8.3069



101.5110, -1.7309, -4.8331



49.9080, -0.4476, 3.5887



37.9470, -5.8899, 69.3295



79.4110, -12.5276, 145.2216

Previews

White Background



This preview shows how the YUV color 99.1190, 2.8993, 3.4036 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 99.1190, 2.8993, 3.4036 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 99.1190, 2.8993, 3.4036

Background



This preview shows how black text looks on a background with the YUV color 99.1190, 2.8993, 3.4036.



This preview shows how white text looks on a background with the YUV color 99.1190, 2.8993,

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

99.1190, 2.8993, 3.4036

Protanopia

98.9120, 3.4944, -0.7998

Deuteranopia

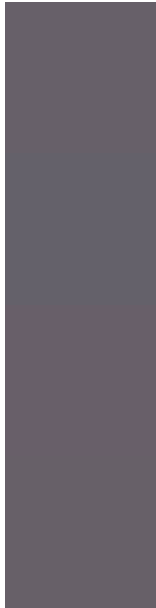
99.1300, 2.8939, 5.1480



Tritanopia

99.0050, 2.4625, 3.5036

Trichromacy



Original Color

99.1190, 2.8993, 3.4036

Protanomaly

98.9230, 3.4890, 0.9445

Deuteranomaly

98.8310, 3.0413, 4.5332

Tritanomaly

99.0050, 2.4625, 3.5036

Monochromacy



Original Color

99.1190, 2.8993, 3.4036

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1190, 2.8993, 3.4036 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(103, 96, 105)` looks like.

```
.text, #text, p{  
    color:rgb(103, 96, 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(103, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 96, 105) }
```

Border

The CSS property to change the border of an element to YUV 99.1190, 2.8993, 3.4036 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(103, 96, 105) }
```


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

```
.border{ border-color:rgb(103, 96, 105) }
```

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

Here you see how a box with a 4 pixel rgb(103, 96, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 96, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 96, 105);  
box-shadow:4px 4px 4px 4px rgb(103, 96,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 99.1190, 2.8993, 3.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 96, 105) }
```

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

```
.background{ background-color: rgb(103, 96,  
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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