

Converting Colors

YUV(95.3970, -2.1677, -4.7332)

Have a look what the booklet for
YUV(95.3970, -2.1677, -4.7332)
contains.

YUV(95.3970, -2.1677, -4.7332)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.3970, -2.1677,
-4.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	5A635B
RGB	90, 99, 91
RGB Percent	35%, 39%, 36%
CMY	0.6471, 0.6118, 0.6431
CMYK	0.09, 0.00, 0.08, 0.61
HSL	127°, 5%, 37%
HSV	127°, 9%, 39%
XYZ	10.5666, 11.8527, 11.6284
YIQ	95.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

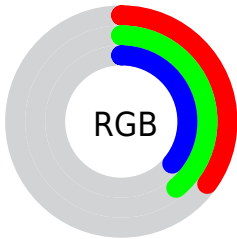
Format	Color
RYB	90, 98, 99
Decimal	5923675
CIELab	40.98, -5.19, 3.35
CIElCh	41, 6.178, 147.121
Yxy	11.8527, 0.3103, 0.3481
Android (android.graphics.Color)	4284113755 (0xFF5A635B)
YUV	95.3970, -2.1677, -4.7332
Hunter-Lab	34.4277, -5.4629, 4.0734

Details

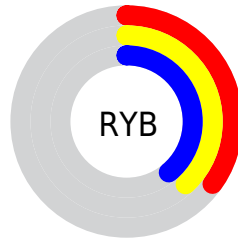
The YUV color **95.3970, -2.1677, -4.7332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.6030, 2.1677, 4.7332**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9840, -2.4571, -5.2480**, and **49.3970, -2.1677, -4.7332** is the 20% darker color. If you saturate the color by 10%, you get **91.3810, -4.6248, -9.9811**, and if you desaturate by 10%, it is **99.4130, 0.2894, 0.5148**.

Distribution



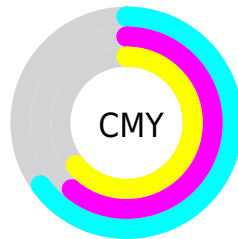
- Red (35%)
- Green (39%)
- Blue (36%)



- Red (35%)
- Yellow (38%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3970, -2.1677, -4.7332 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 95.3970, -2.1677, -4.7332 by changing the saturation by 10% instead.

■ 95.3970, -2.1677,
-4.7332

■ 95.3970, -2.1677,
-4.7332

255.0000, 0.0000,
0.0000

■ 71.8100, -1.8783,
-4.2184

■ 145.9840, -2.4571,
-5.2480

■ 49.3970, -2.1677,
-4.7332

■ 171.9840, -2.4571,
-5.2480

■ 28.2230, -1.5889,
-3.7036

■ 199.9840, -2.4571,
-5.2480

■ 4.1090, -2.0257,
-3.6036

■ 227.6850, -2.3097,
-5.8627

■ 0.0000, 0.0000,
0.0000

■ 253.0490, -1.0102,
-2.6740

■ 95.3970, -2.1677,
-4.7332

■ 95.3970, -2.1677,
-4.7332

■ 91.3810, -4.6248,
-9.9811

■ 99.4130, 0.2894,
0.5148

■ 87.3650, -7.0819,
-15.2291

■ 103.4290, 2.7465,
5.7628

■ 83.4630, -9.1023,
-20.5771

■ 107.3310, 4.7668,
11.1107

■ 79.4470, -11.5594,
-25.8250

■ 111.3470, 7.2239,
16.3587

■ 75.7300, -14.1639,
-30.4582

■ 115.3630, 9.6810,
21.6066

■ 71.7140, -16.6210,
-35.7062

■ 119.0800, 12.2856,
26.2398

■ 67.6980, -19.0781,
-40.9541


■ 123.0960, 14.7427,
31.4878


■ 63.7960, -21.0984,

■ 126.9980, 16.7630,

-46.3021

36.8358

 59.7800, -23.5555,
-51.5501

 131.0140, 19.2201,
42.0837

Harmonies

Analogous

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



96.2620, -4.0732, -0.2298



95.3970, -2.1677, -4.7332



95.3580, 0.3165, -8.2070

Triad

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



95.3970, -2.1677, -4.7332



96.3460, 5.2524, -4.6884



97.3710, -2.6479, 9.3216

Complementary

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



95.3970, -2.1677, -4.7332



93.6030, 2.1677, 4.7332

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.



97.6420, -0.3165, 8.2070



95.3970, -2.1677, -4.7332



96.8520, 4.5100, 0.1298

Square

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



95.3970, -2.1677, -4.7332



95.7970, 4.5371, -8.5920



97.6030, 2.1677, 4.7332



97.4910, -4.6791, 7.4624

Rectangle

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



95.3970, -2.1677, -4.7332



95.1020, 1.9217, -9.7365



97.6030, 2.1677, 4.7332



97.5990, -1.7743, 9.1217

Sweetspot

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



95.3970, -2.1677, -4.7332



126.3480, -1.1576, -2.0592



97.6750, -3.7838, 0.2850



62.7610, -0.8682, -1.5444



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



95.3970, -2.1677, -4.7332



122.0330, -3.4673, -7.9219



95.8530, -0.4205, -5.1331



46.3480, -1.1576, -2.0592



67.1120, -27.1702, -58.8572



143.9580, -57.6603, -126.2512

Inverse Universe

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



93.6030, 2.1677, 4.7332



118.9670, 3.4673, 7.9219



93.1470, 0.4205, 5.1331



45.6520, 1.1576, 2.0592



44.8880, 27.1702, 58.8572



96.0420, 57.6603, 126.2512

Previews

White Background



This preview shows how the YUV color 95.3970, -2.1677, -4.7332 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 95.3970, -2.1677, -4.7332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

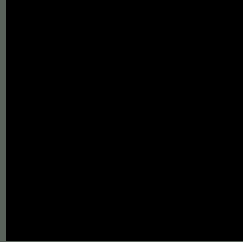
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.3970, -2.1677, -4.7332

Background



This preview shows how black text looks on a background with the YUV color 95.3970, -2.1677, -4.7332.



This preview shows how white text looks on a background with the YUV color 95.3970, -2.1677, -4.7332.

-4.7332.

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

95.3970, -2.1677, -4.7332

Protanopia

96.3980, -3.6472, 3.1590

Deuteranopia

97.0720, -2.5005, 8.7069



Tritanopia

96.4170, 4.2314, -3.8737

Trichromacy



Original Color

95.3970, -2.1677, -4.7332

Protanomaly

95.9030, -2.9102, 0.0851

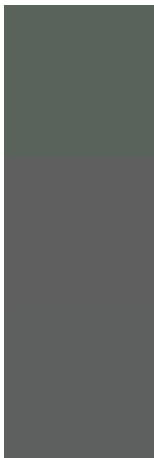
Deuteranomaly

96.4520, -2.1948, 3.9886

Tritanomaly

96.1350, 1.9054, -4.5034

Monochromacy



Original Color

95.3970, -2.1677, -4.7332

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3970, -2.1677, -4.7332 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(90, 99, 91)` looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 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(90, 99, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 91) }
```

Border

The CSS property to change the border of an element to YUV 95.3970, -2.1677, -4.7332 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(90, 99, 91) }
```


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

```
.border{ border-color:rgb(90, 99, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 99, 91);  
box-shadow:4px 4px 4px 4px rgb(90, 99, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.3970, -2.1677, -4.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 91) }
```

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

```
.background{ background-color: rgb(90, 99,  
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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