

Converting Colors

YUV(96.9620, 1.0047, 4.4183)

Have a look what the booklet for
YUV(96.9620, 1.0047, 4.4183)
contains.

YUV(96.9620, 1.0047, 4.4183)	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(96.9620, 1.0047,
4.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	665E63
RGB	102, 94, 99
RGB Percent	40%, 37%, 39%
CMY	0.6000, 0.6314, 0.6118
CMYK	0.00, 0.08, 0.03, 0.60
HSL	322°, 4%, 38%
HSV	322°, 8%, 40%
XYZ	11.7343, 11.7310, 13.4502
YIQ	96.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

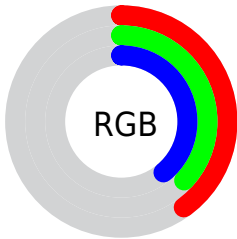
Format	Color
R_{YB}	102, 94, 99
Decimal	6708835
CIE Lab	40.79, 4.20, -1.70
CIE LCh	41, 4.534, 337.974
Yxy	11.7310, 0.3179, 0.3178
Android (android.graphics.Color)	4284898915 (0xFF665E63)
YUV	96.9620, 1.0047, 4.4183
Hunter-Lab	34.2506, 1.2159, 0.6922

Details

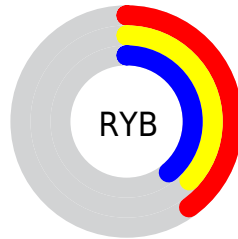
The YUV color **96.9620, 1.0047, 4.4183** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.0380, -1.0047, -4.4183**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3750, 1.2941, 4.9331**, and **50.6630, 1.1521, 3.8035** is the 20% darker color. If you saturate the color by 10%, you get **90.6360, 2.1515, 9.9662**, and if you desaturate by 10%, it is **103.2880, -0.1420, -1.1296**.

Distribution



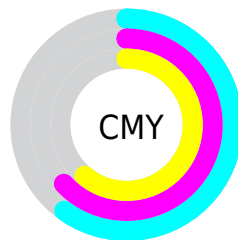
- Red (40%)
- Green (37%)
- Blue (39%)



- Red (40%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9620, 1.0047, 4.4183 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 96.9620, 1.0047, 4.4183 by changing the saturation by 10% instead.

■ 96.9620, 1.0047,
4.4183

■ 96.9620, 1.0047,
4.4183

255.0000, 0.0000,
0.0000

■ 72.9620, 1.0047,
4.4183

■ 147.3750, 1.2941,
4.9331

■ 50.6630, 1.1521,
3.8035

■ 174.2610, 0.8573,
5.0331

■ 29.5490, 0.7153,
3.9035

■ 201.3750, 1.2941,
4.9331

■ 4.3860, 1.2887,
6.6775

■ 229.3750, 1.2941,
4.9331

■ 0.0000, 0.0000,
0.0000

■ 96.9620, 1.0047,

■ 96.9620, 1.0047,

4.4183

■ 90.6360, 2.1515,
9.9662

■ 84.3100, 3.2982,
15.5141

■ 77.5110, 5.1711,
21.4769

■ 71.1850, 6.3178,
27.0248

■ 64.8590, 7.4645,
32.5727

■ 58.5330, 8.6112,
38.1206

■ 52.2070, 9.7579,
43.6685

■ 45.2940, 11.1941,
49.7312

4.4183

■ 103.2880, -0.1420,
-1.1296

■ 109.6140, -1.2887,
-6.6775

■ 116.4130, -3.1616,
-12.6402

■ 122.7390, -4.3083,
-18.1881

■ 129.0650, -5.4550,
-23.7360

■ 135.3910, -6.6018,
-29.2839

■ 141.7170, -7.7485,
-34.8318

■ 148.6300, -9.1846,
-40.8945

■ 39.0820, 12.7776,
55.1791

■ 154.8420,
-10.7681, -46.3424

Harmonies

Analogous

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



96.6950, 2.6154, 1.1445



96.9620, 1.0047, 4.4183



97.1040, -1.0373, 6.0478

Triad

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



96.9620, 1.0047, 4.4183



95.8000, -3.3524, 1.9294



95.0530, 2.9319, -7.0625

Complementary

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



96.9620, 1.0047, 4.4183



99.0380, -1.0047, -4.4183

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.



94.8960, 1.0373, -6.0478



96.9620, 1.0047, 4.4183



95.3050, -2.6154, -1.1445

Square

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



96.9620, 1.0047, 4.4183



96.4090, -3.6526, 4.9033



95.0380, -1.0047, -4.4183



95.5910, 3.6526, -4.9033

Rectangle

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



96.9620, 1.0047, 4.4183



96.8760, -1.9109, 6.2477



95.0380, -1.0047, -4.4183



94.8250, 2.0583, -6.8625

Sweetspot

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



96.9620, 1.0047, 4.4183



131.1250, 0.4314, 1.6444



95.8090, 3.0522, 1.0445



65.4130, 0.2894, 0.5148



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



96.9620, 1.0047, 4.4183



125.3860, 1.2887, 6.6775



96.5060, -0.7425, 4.8182



47.8370, 0.5734, 2.7740



42.5930, 14.4977, 63.5009



89.5720, 30.2840, 133.6794

Inverse Universe

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



96.9620, 1.0047, 4.4183



125.3860, 1.2887, 6.6775



99.4940, 0.7425, -4.8182



47.8370, 0.5734, 2.7740



42.5930, 14.4977, 63.5009



89.5720, 30.2840, 133.6794

Previews

White Background



This preview shows how the YUV color 96.9620, 1.0047, 4.4183 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 96.9620, 1.0047, 4.4183 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 96.9620, 1.0047, 4.4183

Background



This preview shows how black text looks on a background with the YUV color 96.9620, 1.0047, 4.4183.



This preview shows how white text looks on a background with the YUV color 96.9620, 1.0047,

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

96.9620, 1.0047, 4.4183

Protanopia

96.7550, 1.5998, 0.2149

Deuteranopia

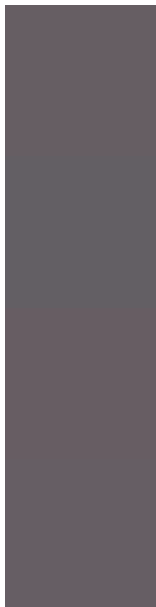
96.9730, 0.9993, 6.1627



Tritanopia

97.1900, 1.8783, 4.2184

Trichromacy



Original Color

96.9620, 1.0047, 4.4183

Protanomaly

96.7660, 1.5944, 1.9592

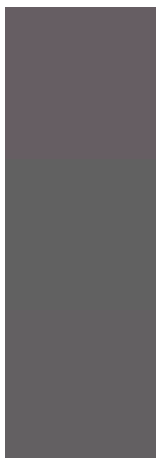
Deuteranomaly

96.6740, 1.1467, 5.5479

Tritanomaly

97.0760, 1.4415, 4.3183

Monochromacy



Original Color

96.9620, 1.0047, 4.4183

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9620, 1.0047, 4.4183 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(102, 94, 99)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 99)  
}
```

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(102, 94, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 99) }
```

Border

The CSS property to change the border of an element to YUV 96.9620, 1.0047, 4.4183 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(102, 94, 99) }
```


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

```
.border{ border-color:rgb(102, 94, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 94, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 99);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 96.9620, 1.0047, 4.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 94, 99) }
```

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

```
.background{ background-color: rgb(102, 94,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor