

Converting Colors

YUV(96.7200, -8.7360, 1.9996)

Have a look what the booklet for
YUV(96.7200, -8.7360, 1.9996)
contains.

YUV(96.7200, -8.7360, 1.9996)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(96.7200, -8.7360,
1.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	63634F
RGB	99, 99, 79
RGB Percent	39%, 39%, 31%
CMY	0.6118, 0.6118, 0.6902
CMYK	0.00, 0.00, 0.20, 0.61
HSL	60°, 11%, 35%
HSV	60°, 20%, 39%
XYZ	11.0187, 12.1408, 9.1598
YIQ	96.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

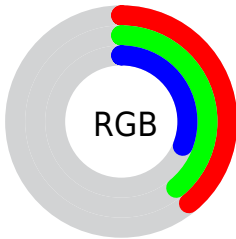
Format	Color
R_{YB}	79, 99, 79
Decimal	6513487
CIE Lab	41.44, -3.78, 11.40
CIE LCh	41, 12.010, 108.355
Yxy	12.1408, 0.3409, 0.3757
Android (android.graphics.Color)	4284703567 (0xFF63634F)
YUV	96.7200, -8.7360, 1.9996
Hunter-Lab	34.8437, -4.5290, 8.8043

Details

The YUV color **96.7200, -8.7360, 1.9996** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.2800, 8.7360, -1.9996**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4920, -9.6096, 2.1995**, and **50.6490, -7.7150, 1.1848** is the 20% darker color. If you saturate the color by 10%, you get **95.5800, -13.1039, 2.9993**, and if you desaturate by 10%, it is **97.8600, -4.3680, 0.9998**.

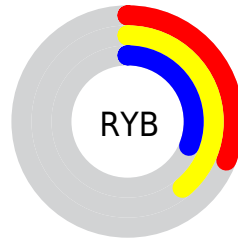
Distribution



Red (39%)

Green (39%)

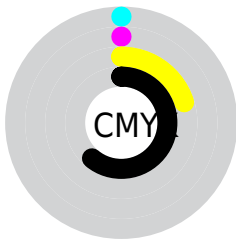
Blue (31%)



Red (31%)

Yellow (39%)

Blue (31%)

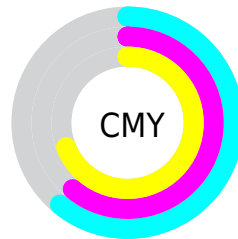


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7200, -8.7360, 1.9996 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 96.7200, -8.7360, 1.9996 by changing the saturation by 10% instead.

■ 96.7200, -8.7360,
1.9996

■ 96.7200, -8.7360,
1.9996

■ 255.0000, 0.0000,
0.0000

■ 72.8340, -8.2992,
1.8996

■ 147.4920, -9.6096,
2.1995

■ 50.6490, -7.7150,
1.1848

■ 173.7910, -9.7570,
2.8143

■ 28.9480, -7.8624,
1.7996

■ 201.3780,
-10.0464, 2.2995

■ 4.6960, -2.3151,
-4.1184

■ 229.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 96.7200, -8.7360,
1.9996

■ 96.7200, -8.7360,
1.9996

■ 95.5800, -13.1039,
2.9993

■ 97.8600, -4.3680,
0.9998

■ 94.4400, -17.4719,
3.9991

■ 99.0000, 0.0000,
0.0000

■ 93.3000, -21.8399,
4.9989

■ 100.1400, 4.3680,
-0.9998

■ 92.1600, -26.2079,
5.9987

■ 101.2800, 8.7360,
-1.9996

■ 91.0200, -30.5759,
6.9985

■ 102.4200, 13.1039,
-2.9993

■ 89.9940, -34.5070,
7.8983

■ 103.4460, 17.0351,
-3.8991

■ 88.8540, -38.8750,
8.8980

■ 104.5860, 21.4031,
-4.8989

■ 87.7140, -43.2430,

■ 105.7260, 25.7711,

9.8978

-5.8987

■ 106.8660, 30.1391,
-6.8985

Harmonies

Analogous

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



97.9490, -9.3419, 9.6917



96.7200, -8.7360, 1.9996



95.7620, -5.7987, -6.8073

Triad

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



96.7200, -8.7360, 1.9996



94.4690, 8.6428, -18.8283



99.4300, 1.2670, 13.6549

Complementary

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



96.7200, -8.7360, 1.9996



81.2800, 8.7360, -1.9996

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.



99.2380, 5.7987, 6.8073



96.7200, -8.7360, 1.9996



96.5560, 10.0789, -12.7656

Square

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



96.7200, -8.7360, 1.9996



93.8450, 5.0064, -19.1581



98.5680, 8.5940, -3.1291



99.1870, -3.5432, 16.4990

Rectangle

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



96.7200, -8.7360, 1.9996



94.9400, -2.4354, -12.2254



98.5680, 8.5940, -3.1291



99.7610, 2.5828, 11.6106

Sweetspot

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



96.7200, -8.7360, 1.9996



127.0880, -3.4944, 0.7998



84.9800, -2.9481, 12.2955



63.4300, -2.1840, 0.4999



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.



96.7200, -8.7360, 1.9996



124.4660, -13.5407, 3.0993



93.7300, -7.2619, -4.1482



47.5440, -1.7472, 0.3999



99.2320, -48.9214, 11.1975



212.6400, -104.8315, 23.9947

Inverse Universe

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



81.2800, 8.7360, -1.9996



100.5340, 13.5407, -3.0993



84.2700, 7.2619, 4.1482



44.4560, 1.7472, -0.3999



12.7680, 48.9214, -11.1975



27.3600, 104.8315, -23.9947

Previews

White Background



This preview shows how the YUV color 96.7200, -8.7360, 1.9996 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 96.7200, -8.7360, 1.9996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

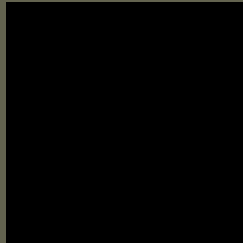
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

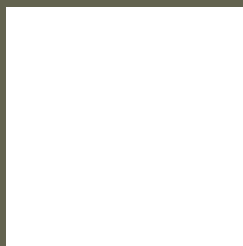
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.7200, -8.7360, 1.9996

Background



This preview shows how black text looks on a background with the YUV color 96.7200, -8.7360, 1.9996.



This preview shows how white text looks on a background with the YUV color 96.7200, -8.7360,

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

96.7200, -8.7360, 1.9996

Protanopia

97.5140, -9.6204, 5.6882

Deuteranopia

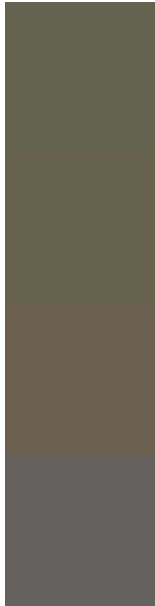
98.0850, -8.9159, 13.0805



Tritanopia

98.5920, 2.1731, 2.9888

Trichromacy



Original Color

96.7200, -8.7360, 1.9996

Protanomaly

96.9160, -9.3256, 4.4587

Deuteranomaly

97.7640, -8.7577, 8.9770

Tritanomaly

97.8540, -1.9000, 2.7590

Monochromacy



Original Color

96.7200, -8.7360, 1.9996

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7200, -8.7360, 1.9996 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(99, 99, 79)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 79)  
}
```

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(99, 99, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 79) }
```

Border

The CSS property to change the border of an element to YUV 96.7200, -8.7360, 1.9996 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(99, 99, 79) }
```


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

```
.border{ border-color:rgb(99, 99, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 99, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 79);  
box-shadow:4px 4px 4px 4px rgb(99, 99, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 96.7200, -8.7360, 1.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 79) }
```

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

```
.background{ background-color: rgb(99, 99,  
79) }
```

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