

Converting Colors

YUV(116.9620, -8.8553,
40.3753)

Have a look what the booklet for
YUV(116.9620, -8.8553, 40.3753)
contains.

YUV(116.9620, -8.8553, 40.3753)	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(116.9620, -8.8553,
40.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	A36163
RGB	163, 97, 99
RGB Percent	64%, 38%, 39%
CMY	0.3608, 0.6196, 0.6118
CMYK	0.00, 0.40, 0.39, 0.36
HSL	358°, 26%, 51%
HSV	358°, 40%, 64%
XYZ	21.6311, 17.2368, 13.9913
YIQ	116.9620, 38.6940, 14.6140

Conversions

Conversions Part 2

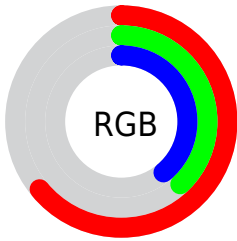
Format	Color
R _Y B	163, 97, 99
Decimal	10707299
CIE Lab	48.56, 27.01, 10.38
CIE LCh	49, 28.933, 21.026
Yxy	17.2368, 0.4092, 0.3261
Android (android.graphics.Color)	4288897379 (0xFFA36163)
YUV	116.9620, -8.8553, 40.3753
Hunter-Lab	41.5172, 20.3461, 9.0813

Details

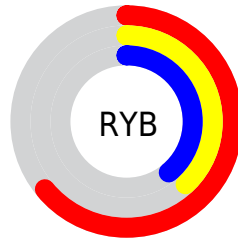
The YUV color **116.9620, -8.8553, 40.3753** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.0380, 8.8553, -40.3753**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3430, -10.0291, 43.5492**, and **67.3960, -7.0972, 36.4867** is the 20% darker color. If you saturate the color by 10%, you get **105.7460, -11.2138, 50.2118**, and if you desaturate by 10%, it is **128.1780, -6.4968, 30.5389**.

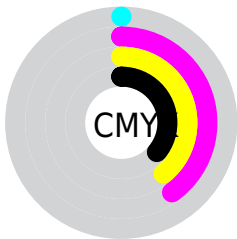
Distribution



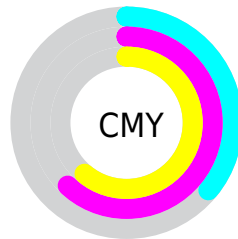
- Red (64%)
- Green (38%)
- Blue (39%)



- Red (64%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9620, -8.8553, 40.3753 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 116.9620, -8.8553, 40.3753 by changing the saturation by 10% instead.

■ 116.9620, -8.8553,
40.3753

■ 116.9620, -8.8553,
40.3753

■ 255.0000, 0.0000,
0.0000

■ 91.4780, -8.1237,
39.0458

■ 170.3430,
-10.0291, 43.5492

■ 67.3960, -7.0972,
36.4867

■ 197.8270,
-10.7607, 44.8787

■ 43.6130, -6.2182,
34.5424

■ 218.6620, -7.2284,
31.8684

■ 19.4280, -5.6340,
33.8276

■ 238.8770, -3.3904,
14.1399

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 116.9620, -8.8553,
40.3753

■ 116.9620, -8.8553,
40.3753

■ 105.7460,
-11.2138, 50.2118

■ 128.1780, -6.4968,
30.5389

■ 93.9430, -13.2829,
60.5630

■ 139.9810, -4.4276,
20.1877

■ 82.8410, -15.2046,
70.2994

■ 151.0830, -2.5059,
10.4512

■ 71.6250, -17.5631,
80.1359

■ 162.2990, -0.1474,
0.6148

■ 60.4090, -19.9216,
89.9723

■ 174.1020, 1.9217,
-9.7365

■ 49.3070, -21.8434,
99.7088

■ 185.3180, 4.2802,
-19.5729

■ 196.5340, 6.6387,
-29.4093

■ 207.6360, 8.5605,

-39.1458

 219.4390, 10.6296,
-49.4970

Harmonies

Analogous

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



118.3170, 2.8017, 34.8020



116.9620, -8.8553, 40.3753



115.6980, -18.5851, 34.4679

Triad

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



116.9620, -8.8553, 40.3753



108.6650, -12.1598, -19.8772



108.7560, 26.7423, -37.4970

Complementary

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



116.9620, -8.8553, 40.3753



143.0380, 8.8553, -40.3753

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.



96.7860, 27.7135, -69.0953



116.9620, -8.8553, 40.3753



103.1810, 1.8828, -44.0087

Square

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



116.9620, -8.8553, 40.3753



111.8050, -21.1029, 1.9250



93.7720, 18.8464, -71.7140



116.0910, 22.1401, -7.9728

Rectangle

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



116.9620, -8.8553, 40.3753



114.6170, -22.4892, 26.6459



93.7720, 18.8464, -71.7140



105.2170, 27.5010, -47.5483

Sweetspot

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



116.9620, -8.8553, 40.3753



193.8880, -3.3958, 15.8842



123.6600, 19.3946, 32.7472



96.5990, -1.7743, 9.1217



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



116.9620, -8.8553, 40.3753



139.4380, -14.0199, 63.6369



134.9310, -18.7000, 24.6165



75.8050, -0.8899, 5.4330



43.8110, -19.6268, 88.7428



5.4960, -2.2165, 10.9660

Inverse Universe

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



116.9620, -8.8553, 40.3753



139.4380, -14.0199, 63.6369



125.0690, 18.7000, -24.6165



75.8050, -0.8899, 5.4330



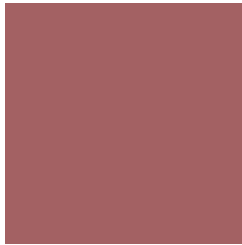
43.8110, -19.6268, 88.7428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 116.9620, -8.8553, 40.3753 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 116.9620, -8.8553, 40.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

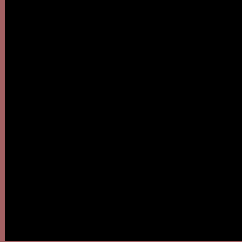
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.9620, -8.8553, 40.3753

Background



This preview shows how black text looks on a background with the YUV color 116.9620, -8.8553, 40.3753.



This preview shows how white text looks on a background with the YUV color 116.9620, -8.8553,

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

116.9620, -8.8553, 40.3753

Protanopia

115.6970, -3.7946, 3.7737

Deuteranopia

116.1670, -9.9423, 15.6395



Tritanopia

116.8310, -6.8187, 40.4902

Trichromacy



Original Color

116.9620, -8.8553, 40.3753

Protanomaly

116.0300, -5.4378, 17.5137

Deuteranomaly

116.6350, -9.6801, 24.8761

Tritanomaly

116.7170, -7.2555, 40.5902

Monochromacy



Original Color

116.9620, -8.8553, 40.3753

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9620, -8.8553, 40.3753 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(163, 97, 99)` looks like.

```
.text, #text, p{  
    color:rgb(163, 97, 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(163, 97, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 97, 99) }
```

Border

The CSS property to change the border of an element to YUV 116.9620, -8.8553, 40.3753 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(163, 97, 99) }
```


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

```
.border{ border-color:rgb(163, 97, 99) }
```

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

Here you see how a box with a 4 pixel rgb(163, 97, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 97, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 97, 99);  
box-shadow:4px 4px 4px 4px rgb(163, 97,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 116.9620, -8.8553, 40.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 97, 99) }
```

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

```
.background{ background-color: rgb(163, 97,  
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