

Converting Colors

YUV(103.3460, -21.3696,
40.9156)

Have a look what the booklet for
YUV(103.3460, -21.3696, 40.9156)
contains.

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Color

**YUV(103.3460, -21.3696,
40.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	96583C
RGB	150, 88, 60
RGB Percent	59%, 35%, 24%
CMY	0.4118, 0.6549, 0.7647
CMYK	0.00, 0.41, 0.60, 0.41
HSL	19°, 43%, 41%
HSV	19°, 60%, 59%
XYZ	16.8830, 13.7897, 6.0468
YIQ	103.3460, 45.9400, 4.4360

Conversions

Conversions Part 2

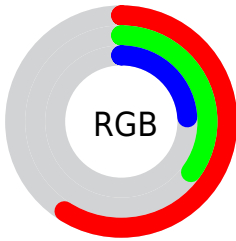
Format	Color
RYB	150, 101, 60
Decimal	9852988
CIELab	43.93, 22.75, 27.02
CIELCh	44, 35.322, 49.910
Yxy	13.7897, 0.4598, 0.3755
Android (android.graphics.Color)	4288043068 (0xFF96583C)
YUV	103.3460, -21.3696, 40.9156
Hunter-Lab	37.1345, 16.1687, 16.3396

Details

The YUV color **103.3460, -21.3696, 40.9156** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.6540, 21.3696, -40.9156**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7980, -23.5644, 44.9042**, and **54.2960, -18.8799, 35.6974** is the 20% darker color. If you saturate the color by 10%, you get **95.7660, -25.0276, 47.5632**, and if you desaturate by 10%, it is **110.9260, -17.7115, 34.2679**.

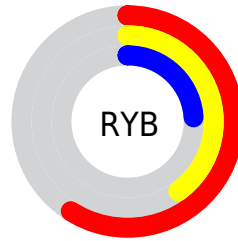
Distribution



Red (59%)

Green (35%)

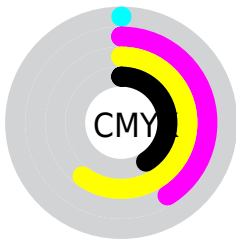
Blue (24%)



Red (59%)

Yellow (40%)

Blue (24%)

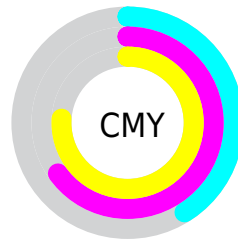


Cyan (0%)

Magenta (41%)

Yellow (60%)

Black (41%)



Cyan (41%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3460, -21.3696, 40.9156 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 103.3460, -21.3696, 40.9156 by changing the saturation by 10% instead.

■ 103.3460,
-21.3696, 40.9156

■ 103.3460,
-21.3696, 40.9156

■ 255.0000, 0.0000,
0.0000

■ 78.3780, -19.9064,
38.2565

■ 155.7980,
-23.5644, 44.9042

■ 54.2960, -18.8799,
35.6974

■ 182.8800,
-24.5908, 47.4632

■ 31.7840, -15.6695,
32.6384

■ 207.1890,
-23.2642, 41.9302

■ 13.1560, -6.4859,
27.0502

■ 226.7030,
-19.5736, 24.8165

■ 0.0000, 0.0000,
0.0000

■ 246.9180,
-15.7356, 7.0879

■ 253.6320, -5.2416,

1.1997

■ 103.3460,
-21.3696, 40.9156

■ 103.3460,
-21.3696, 40.9156

■ 95.7660, -25.0276,
47.5632

■ 110.9260,
-17.7115, 34.2679

■ 87.5990, -28.3963,
54.7257

■ 119.0930,
-14.3428, 27.1054

■ 80.0190, -32.0544,
61.3733

■ 126.6730,
-10.6848, 20.4578

■ 72.4390, -35.7124,
68.0210

■ 134.2530, -7.0267,
13.8101

■ 142.4200, -3.6581,
6.6477

■ 150.0000, 0.0000,
0.0000

■ 157.5800, 3.6581,
-6.6477

■ 165.7470, 7.0267,
-13.8101

■ 173.3270, 10.6848,
-20.4578

Harmonies

Analogous

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



104.1910, -9.4612, 48.0675



103.3460, -21.3696, 40.9156



102.1130, -28.1567, 24.4569

Triad

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



103.3460, -21.3696, 40.9156



81.0640, 5.8844, -67.5851



103.7360, 27.2452, -12.0465

Complementary

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



103.3460, -21.3696, 40.9156



106.6540, 21.3696, -40.9156

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.



87.1100, 36.4278, -64.1175



103.3460, -21.3696, 40.9156



83.8750, 19.2886, -73.5584

Square

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



103.3460, -21.3696, 40.9156



95.2470, -14.9118, -23.8956



84.9640, 31.0767, -74.5134



107.3010, 17.1066, 19.9070

Rectangle

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



103.3460, -21.3696, 40.9156



100.1390, -27.6765, 10.4021



84.9640, 31.0767, -74.5134



100.9300, 29.6145, -25.3716

Sweetspot

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



103.3460, -21.3696, 40.9156



175.9220, -8.3425, 15.8544



94.0920, 14.2516, 49.0313



85.8010, -4.8319, 9.8215



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.3460, -21.3696, 40.9156



121.6880, -33.3702, 63.4176



129.1740, -34.1028, 18.2644



70.2670, -1.6106, 3.2738



66.5030, -32.7860, 62.7029



4.7510, -2.3422, 4.6034

Inverse Universe

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



106.6540, 21.3696, -40.9156



126.3120, 33.3702, -63.4176



80.8260, 34.1028, -18.2644



70.7330, 1.6106, -3.2738



71.4970, 32.7860, -62.7029



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 103.3460, -21.3696, 40.9156 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 103.3460, -21.3696, 40.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

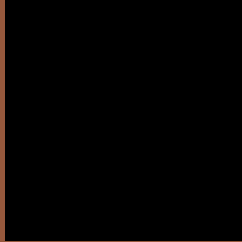
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3460, -21.3696, 40.9156

Background



This preview shows how black text looks on a background with the YUV color 103.3460, -21.3696, 40.9156.



This preview shows how white text looks on a background with the YUV color 103.3460, -21.3696, 40.9156.

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

103.3460, -21.3696, 40.9156

Protanopia

102.6580, -18.0724, 9.9469

Deuteranopia

102.6980, -22.0361, 21.3129



Tritanopia

105.0160, -7.4029, 41.2050

Trichromacy



Original Color

103.3460, -21.3696, 40.9156

Protanomaly

102.7950, -19.1259, 21.2278

Deuteranomaly

102.8560, -21.6210, 28.1903

Tritanomaly

104.0500, -12.3496, 41.1752

Monochromacy



Original Color

103.3460, -21.3696, 40.9156

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3240, -8.0477, 14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3460, -21.3696, 40.9156 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(150, 88, 60)` looks like.

```
.text, #text, p{  
    color:rgb(150, 88, 60)  
}
```

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(150, 88, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 88, 60) }
```

Border

The CSS property to change the border of an element to YUV 103.3460, -21.3696, 40.9156 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(150, 88, 60) }
```


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

```
.border{ border-color:rgb(150, 88, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 88, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 88, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 88, 60);  
box-shadow:4px 4px 4px 4px rgb(150, 88,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 103.3460, -21.3696, 40.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 88, 60) }
```

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

```
.background{ background-color: rgb(150, 88,  
60) }
```

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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