

Converting Colors

YUV(103.8960, -5.8647,
-32.3578)

Have a look what the booklet for
YUV(103.8960, -5.8647, -32.3578)
contains.

YUV(103.8960, -5.8647, -32.3578)	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(103.8960, -5.8647,
-32.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	437D5C
RGB	67, 125, 92
RGB Percent	26%, 49%, 36%
CMY	0.7373, 0.5098, 0.6392
CMYK	0.46, 0.00, 0.26, 0.51
HSL	146°, 30%, 38%
HSV	146°, 46%, 49%
XYZ	11.5801, 16.6332, 12.7254
YIQ	103.8960, -23.9750, -22.5590

Conversions

Conversions Part 2

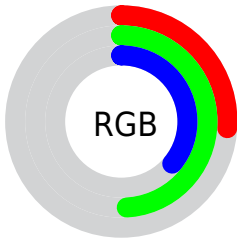
Format	Color
RYB	67, 108, 125
Decimal	4423004
CIELab	47.79, -27.10, 12.21
CIElCh	48, 29.726, 155.755
Yxy	16.6332, 0.2829, 0.4063
Android (android.graphics.Color)	4282613084 (0xFF437D5C)
YUV	103.8960, -5.8647, -32.3578
Hunter-Lab	40.7839, -20.6887, 10.0490

Details

The YUV color **103.8960, -5.8647, -32.3578** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88.1040, 5.8647, 32.3578**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9560, -6.8803, -33.2874**, and **53.1560, -3.5279, -35.2168** is the 20% darker color. If you saturate the color by 10%, you get **99.5100, -7.1534, -39.0353**, and if you desaturate by 10%, it is **108.5810, -4.7234, -25.0655**.

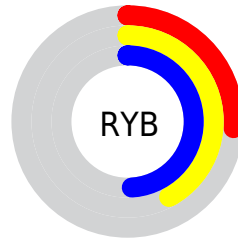
Distribution



Red (26%)

Green (49%)

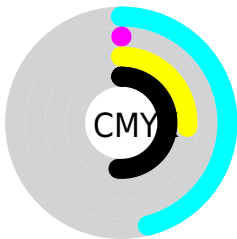
Blue (36%)



Red (26%)

Yellow (42%)

Blue (49%)

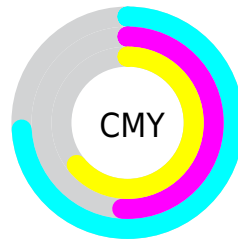


Cyan (46%)

Magenta (0%)

Yellow (26%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8960, -5.8647, -32.3578 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 103.8960, -5.8647, -32.3578 by changing the saturation by 10% instead.

■ 103.8960, -5.8647,
-32.3578

■ 103.8960, -5.8647,
-32.3578

255.0000, 0.0000,
0.0000

■ 79.0100, -5.4279,
-32.4578

■ 155.9560, -6.8803,
-33.2874

■ 53.1560, -3.5279,
-35.2168

■ 183.5430, -7.1697,
-33.8022

■ 33.3740, -4.1284,
-29.2690

■ 211.1300, -7.4591,
-34.3170

■ 18.7840, -9.2605,
-16.4736

■ 235.0210, -5.4334,
-30.7134

■ 0.0000, 0.0000,
0.0000

■ 246.9980, 2.9590,
-15.7842

■ 103.8960, -5.8647,
-32.3578

■ 103.8960, -5.8647,
-32.3578

■ 99.5100, -7.1534,
-39.0353

■ 108.5810, -4.7234,
-25.0655

■ 94.8250, -8.2947,
-46.3275

■ 112.9670, -3.4347,
-18.3881

■ 90.1400, -9.4360,
-53.6198

■ 117.6520, -2.2934,
-11.0958

■ 85.7540, -10.7247,
-60.2973

■ 122.0380, -1.0047,
-4.4183

■ 80.9550, -12.3028,
-67.4895

■ 126.8370, 0.5734,
2.7740

■ 79.5310, -12.5868,
-69.7487

■ 131.2230, 1.8621,
9.4514

■ 135.9080, 3.0034,
16.7437

■ 140.2940, 4.2921,

23.4212

■ 144.6800, 5.5808,
30.0986

Harmonies

Analogous

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



108.5370, -18.0127, -9.2409



103.8960, -5.8647, -32.3578



95.7750, 10.9569, -61.1927

Triad

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



103.8960, -5.8647, -32.3578



110.6160, 25.8253, -23.3422



114.4690, -14.5282, 39.9307

Complementary

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



103.8960, -5.8647, -32.3578



88.1040, 5.8647, 32.3578

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.



115.7430, -3.3243, 39.6904



103.8960, -5.8647, -32.3578



115.6690, 18.8972, 5.5523

Square

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



103.8960, -5.8647, -32.3578



99.6180, 29.2753, -56.6700



116.7660, 8.4964, 28.2692



113.0410, -22.2052, 28.9050

Rectangle

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



103.8960, -5.8647, -32.3578



89.2380, 22.0677, -78.2617



116.7660, 8.4964, 28.2692



114.8050, -10.7499, 41.3900

Sweetspot

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



103.8960, -5.8647, -32.3578



154.6410, -2.2880, -12.8402



111.2120, -21.7965, -8.9559



76.9020, -1.4307, -7.8071



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.8960, -5.8647, -32.3578



129.8630, -9.2995, -50.7459



107.0880, 6.3656, -35.1572



61.4510, -0.7153, -3.9035



81.4060, -13.0182, -71.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.1040, 5.8647, 32.3578



105.1370, 9.2995, 50.7459



84.9120, -6.3656, 35.1572



59.5490, 0.7153, 3.9035



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.8960, -5.8647, -32.3578 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 103.8960, -5.8647, -32.3578 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 103.8960, -5.8647, -32.3578

Background



This preview shows how black text looks on a background with the YUV color 103.8960, -5.8647, -32.3578.



This preview shows how white text looks on a background with the YUV color 103.8960, -5.8647, -32.3578.

-32.3578.

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

103.8960, -5.8647, -32.3578

Protanopia

112.3140, -12.9728, 7.6176

Deuteranopia

113.7970, -8.7739, 14.2100



Tritanopia

107.9840, 10.8539, -28.0500

Trichromacy



Original Color

103.8960, -5.8647, -32.3578

Protanomaly

108.9100, -10.3086, -6.9371

Deuteranomaly

110.3280, -7.5567, -2.9187

Tritanomaly

106.6650, 4.6022, -29.5242

Monochromacy



Original Color

103.8960, -5.8647, -32.3578

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3530, -2.1460, -11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8960, -5.8647, -32.3578 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(67, 125, 92)` looks like.

```
.text, #text, p{  
    color:rgb(67, 125, 92)  
}
```

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(67, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 125, 92) }
```

Border

The CSS property to change the border of an element to YUV 103.8960, -5.8647, -32.3578 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(67, 125, 92) }
```


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

```
.border{ border-color:rgb(67, 125, 92) }
```

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

Here you see how a box with a 4 pixel rgb(67, 125, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(67, 125,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 103.8960, -5.8647, -32.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 125, 92) }
```

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

```
.background{ background-color: rgb(67, 125,  
92) }
```

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