

Converting Colors

YUV(103.5960, 42.5972,
-82.9607)

Have a look what the booklet for
YUV(103.5960, 42.5972, -82.9607)
contains.

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Color

**YUV(103.5960, 42.5972,
-82.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	0987BE
RGB	9, 135, 190
RGB Percent	4%, 53%, 75%
CMY	0.9647, 0.4706, 0.2549
CMYK	0.95, 0.29, 0.00, 0.25
HSL	198°, 91%, 39%
HSV	198°, 95%, 75%
XYZ	18.0709, 21.1037, 51.8362
YIQ	103.5960, -92.7510, -9.6070

Conversions

Conversions Part 2

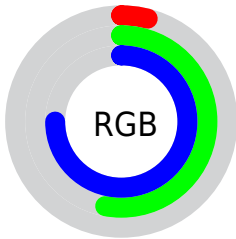
Format	Color
R_{YB}	9, 83, 190
Decimal	624574
CIE _{Lab}	53.06, -10.18, -37.09
CIE _{LCh}	53, 38.463, 254.658
Yxy	21.1037, 0.1986, 0.2319
Android (android.graphics.Color)	4278814654 (0xFF0987BE)
YUV	103.5960, 42.5972, -82.9607
Hunter-Lab	45.9388, -10.1765, -34.7442

Details

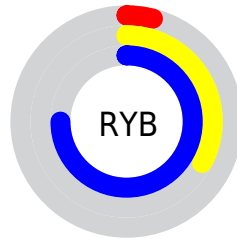
The YUV color **103.5960, 42.5972, -82.9607** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **95.4040, -42.5972, 82.9607**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5170, 39.1851, -61.8434**, and **65.9860, 34.5169, -57.8697** is the 20% darker color. If you saturate the color by 10%, you get **99.1440, 44.7920, -86.9493**, and if you desaturate by 10%, it is **112.7990, 38.0601, -74.3687**.

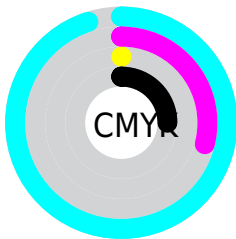
Distribution



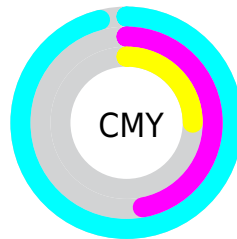
- Red (4%)
- Green (53%)
- Blue (75%)



- Red (4%)
- Yellow (33%)
- Blue (75%)



- Cyan (95%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (96%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5960, 42.5972, -82.9607 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 103.5960, 42.5972, -82.9607 by changing the saturation by 10% instead.

■ 103.5960, 42.5972,
-82.9607

■ 103.5960, 42.5972,
-82.9607

■ 255.0000, 0.0000,
0.0000

■ 83.1520, 39.3651,
-72.9243

■ 167.5170, 39.1851,
-61.8434

■ 65.9860, 34.5169,
-57.8697

■ 194.1340, 30.0069,
-57.9995

■ 49.0480, 30.5423,
-43.0151

■ 219.8390, 17.3344,
-53.3558

■ 33.8710, 25.6996,
-29.7049

■ 235.2660, 9.7289,
-40.5753

■ 19.3950, 21.0043,
-17.0094

■ 244.2360, 5.3067,
-22.1320

■ 6.3210, 16.6037,
-5.5435

■ 253.5050, 0.7370,

■ 2.6390, 7.5730,

-3.0739

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 103.5960, 42.5972,
-82.9607

■ 103.5960, 42.5972,
-82.9607

■ 99.1440, 44.7920,
-86.9493

■ 112.7990, 38.0601,
-74.3687

■ 122.0020, 33.5230,
-65.7768

■ 130.6180, 29.2753,
-56.6700

■ 139.8210, 24.7382,
-48.0780

■ 149.0240, 20.2012,
-39.4860

■ 158.2270, 15.6641,
-30.8941

■ 166.8430, 11.4164,
-21.7873

■ 176.0460, 6.8793,
-13.1953

■ 185.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



102.3750, 34.3251, -89.7829



103.5960, 42.5972, -82.9607



125.6470, 32.2190, -20.7384

Triad

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



103.5960, 42.5972, -82.9607



128.2780, -8.0251, 54.1302



118.0040, -19.7220, -21.0515

Complementary

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



103.5960, 42.5972, -82.9607



95.4040, -42.5972, 82.9607

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.



122.4330, -30.2865, 7.5133



103.5960, 42.5972, -82.9607



126.5750, -21.9755, 48.6077

Square

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



103.5960, 42.5972, -82.9607



130.2240, 7.2846, 43.6536



125.0600, -31.0886, 31.5194



109.1100, -0.5472, -57.9785

Rectangle

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



103.5960, 42.5972, -82.9607



129.3900, 25.4437, 5.7970



125.0600, -31.0886, 31.5194



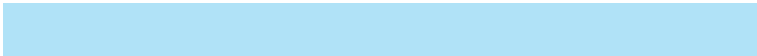
119.8050, -24.5539, -11.2300

Sweetspot

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



103.5960, 42.5972, -82.9607



213.4440, 16.5431, -32.8384



121.4030, -28.7927, -98.5774



104.2130, 10.2480, -20.3578



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



103.5960, 42.5972, -82.9607



129.1220, 58.1139, -113.2400



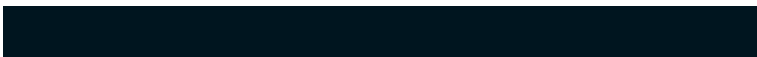
50.7660, 68.6424, -36.6288



89.5480, 2.1948, -3.9886



82.5820, 37.1811, -72.4244



15.8610, 7.4635, -13.9101

Inverse Universe

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



77.4830, 28.3559, 98.6774



93.4610, 38.7197, 134.6537



148.2340, -68.6424, 36.6288



88.3750, 1.2941, 4.9331



59.7820, 24.7575, 86.1372



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 103.5960, 42.5972, -82.9607 looks on a white 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

Black Background



This preview shows how the YUV color 103.5960, 42.5972, -82.9607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

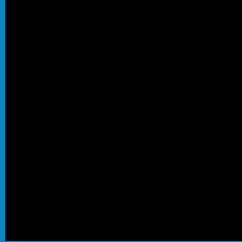
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.5960, 42.5972, -82.9607

Background



This preview shows how black text looks on a background with the YUV color 103.5960, 42.5972, -82.9607.

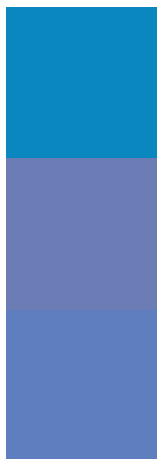


This preview shows how white text looks on a background with the YUV color 103.5960, 42.5972, -82.9607.

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

103.5960, 42.5972, -82.9607

Protanopia

125.7140, 27.2560, -15.5352

Deuteranopia

123.9560, 33.5457, -26.2714



Tritanopia

99.3940, 25.4418, -87.1685

Trichromacy



Original Color

103.5960, 42.5972, -82.9607

Protanomaly

117.6400, 32.7155, -40.0263

Deuteranomaly

116.3340, 36.8103, -46.7739

Tritanomaly

100.7130, 31.6935, -85.6943

Monochromacy



Original Color

103.5960, 42.5972, -82.9607

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.5260, 15.5167, -30.2793

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5960, 42.5972, -82.9607 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(9, 135, 190)` looks like.

```
.text, #text, p{  
    color:rgb(9, 135, 190)  
}
```

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(9, 135, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 135, 190) }
```

Border

The CSS property to change the border of an element to YUV 103.5960, 42.5972, -82.9607 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(9, 135, 190) }
```


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

```
.border{ border-color:rgb(9, 135, 190) }
```

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

Here you see how a box with a 4 pixel rgb(9, 135, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 135, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 135, 190);  
box-shadow:4px 4px 4px 4px rgb(9, 135,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 103.5960, 42.5972, -82.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 135, 190) }
```

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

```
.background{ background-color: rgb(9, 135,  
190) }
```

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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