

Converting Colors

YUV(126.3730, -22.8619,
-40.6691)

Have a look what the booklet for
YUV(126.3730, -22.8619, -40.6691)
contains.

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Color

**YUV(126.3730, -22.8619,
-40.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	509F50
RGB	80, 159, 80
RGB Percent	31%, 62%, 31%
CMY	0.6863, 0.3765, 0.6863
CMYK	0.50, 0.00, 0.50, 0.38
HSL	120°, 33%, 47%
HSV	120°, 50%, 62%
XYZ	17.1544, 27.0809, 11.9124
YIQ	126.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

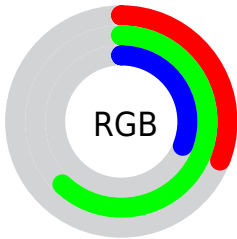
Format	Color
RYB	80, 159, 159
Decimal	5283664
CIELab	59.05, -40.92, 33.74
CIElCh	59, 53.039, 140.497
Yxy	27.0809, 0.3055, 0.4823
Android (android.graphics.Color)	4283473744 (0xFF509F50)
YUV	126.3730, -22.8619, -40.6691
Hunter-Lab	52.0393, -32.2277, 22.8553

Details

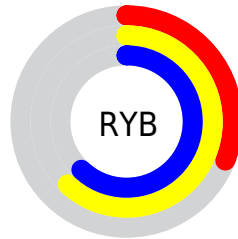
The YUV color **126.3730, -22.8619, -40.6691** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **112.6270, 22.8619, 40.6691**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9170, -24.6091, -40.2692**, and **72.1380, -19.7880, -46.6020** is the 20% darker color. If you saturate the color by 10%, you get **119.7650, -27.4921, -48.9059**, and if you desaturate by 10%, it is **132.9810, -18.2316, -32.4323**.

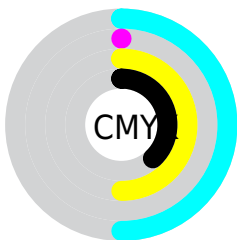
Distribution



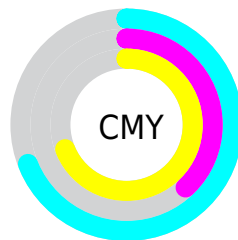
- Red (31%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3730, -22.8619, -40.6691 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 126.3730, -22.8619, -40.6691 by changing the saturation by 10% instead.

■ 126.3730,
-22.8619, -40.6691

■ 126.3730,
-22.8619, -40.6691

■ 255.0000, 0.0000,
0.0000

■ 99.4160, -21.4041,
-41.5838

■ 180.9170,
-24.6091, -40.2692

■ 72.1380, -19.7880,
-46.6020

■ 208.9770,
-25.6247, -41.1988

■ 48.8180, -21.1093,
-42.8134

■ 227.8840,
-21.1418, -32.3473

■ 34.0460, -16.7847,
-29.8583

■ 239.4480,
-13.0389, -17.9329

■ 21.7190, -10.7075,
-19.0476

■ 251.6100, -5.2307,
-2.2890

■ 0.0000, 0.0000,
0.0000

■ 126.3730,
-22.8619, -40.6691

■ 126.3730,
-22.8619, -40.6691

■ 119.7650,
-27.4921, -48.9059

■ 132.9810,
-18.2316, -32.4323

■ 113.1570,
-32.1224, -57.1427

■ 139.5890,
-13.6014, -24.1956

■ 106.5490,
-36.7527, -65.3795

■ 146.1970, -8.9711,
-15.9588

■ 99.9410, -41.3829,
-73.6163

■ 152.8050, -4.3409,
-7.7220

■ 93.3330, -46.0132,
-81.8530


■ 159.4130, 0.2894,
0.5148

■ 165.6080, 4.6303,
8.2368

■ 172.2160, 9.2605,
16.4736

■ 178.8240, 13.8908,

24.7104

 185.4320, 18.5210,
32.9471

Harmonies

Analogous

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



133.5990, -42.2003, 2.1057



126.3730, -22.8619, -40.6691



110.5180, 7.1396, -96.9243

Triad

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



126.3730, -22.8619, -40.6691



115.9000, 58.2233, -101.6443



140.5150, -14.0579, 75.8473

Complementary

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



126.3730, -22.8619, -40.6691



112.6270, 22.8619, 40.6691

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.



143.7800, 7.5035, 66.8449



126.3730, -22.8619, -40.6691



141.3340, 43.7123, -20.4639

Square

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



126.3730, -22.8619, -40.6691



118.7890, 46.4460, -104.1780



146.1360, 27.5410, 33.2067



139.5740, -33.8070, 63.5176

Rectangle

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



126.3730, -22.8619, -40.6691



114.8670, 21.2646, -100.7384



146.1360, 27.5410, 33.2067



141.4640, -6.6378, 75.8921

Sweetspot

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



126.3730, -22.8619, -40.6691



194.1970, -8.9711, -15.9588



149.9940, -34.5070, 7.8983



97.1530, -5.4984, -9.7812



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



126.3730, -22.8619, -40.6691



155.7880, -35.8845, -63.8351



130.9330, -5.3900, -44.6682



75.6960, -2.3151, -4.1184



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



112.6270, 22.8619, 40.6691



134.2120, 35.8845, 63.8351



108.1810, 5.8268, 44.5683



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 126.3730, -22.8619, -40.6691 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 126.3730, -22.8619, -40.6691 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 126.3730, -22.8619, -40.6691 Background



This preview shows how black text looks on a background with the YUV color 126.3730, -22.8619, -40.6691.



This preview shows how white text looks on a background with the YUV color 126.3730, -22.8619, -40.6691.

-40.6691.

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

126.3730, -22.8619, -40.6691

Protanopia

137.8470, -31.4766, 15.9202

Deuteranopia

140.1780, -26.7098, 27.0309



Tritanopia

135.8200, 12.9067, -33.1681

Trichromacy



Original Color

126.3730, -22.8619, -40.6691

Protanomaly

133.8120, -28.5013, -5.0971

Deuteranomaly

135.3660, -25.3234, 2.3100

Tritanomaly

132.0680, -0.0335, -36.0166

Monochromacy



Original Color

126.3730, -22.8619, -40.6691

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3730, -22.8619, -40.6691 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(80, 159, 80)` looks like.

```
.text, #text, p{  
    color:rgb(80, 159, 80)  
}
```

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(80, 159, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 159, 80) }
```

Border

The CSS property to change the border of an element to YUV 126.3730, -22.8619, -40.6691 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(80, 159, 80) }
```


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

```
.border{ border-color:rgb(80, 159, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 159, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 159, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 159, 80);  
box-shadow:4px 4px 4px 4px rgb(80, 159,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 126.3730, -22.8619, -40.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 159, 80) }
```

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

```
.background{ background-color: rgb(80, 159,  
80) }
```

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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