

Converting Colors

YUV(126.4630, -32.7663,
-37.2401)

Have a look what the booklet for
YUV(126.4630, -32.7663, -37.2401)
contains.

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Color

**YUV(126.4630, -32.7663,
-37.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	54A13C
RGB	84, 161, 60
RGB Percent	33%, 63%, 24%
CMY	0.6706, 0.3686, 0.7647
CMYK	0.48, 0.00, 0.63, 0.37
HSL	106°, 46%, 43%
HSV	106°, 63%, 63%
XYZ	17.2166, 27.7008, 8.7143
YIQ	126.4630, -13.4710, -47.7350

Conversions

Conversions Part 2

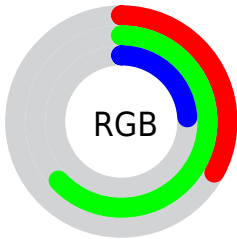
Format	Color
RYB	60, 161, 137
Decimal	5546300
CIELab	59.62, -43.03, 44.19
CIELCh	60, 61.678, 134.243
Yxy	27.7008, 0.3210, 0.5165
Android (android.graphics.Color)	4283736380 (0xFF54A13C)
YUV	126.4630, -32.7663, -37.2401
Hunter-Lab	52.6315, -33.7150, 27.0253

Details

The YUV color **126.4630, -32.7663, -37.2401** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **94.5370, 32.7663, 37.2401**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0070, -34.5135, -36.8401**, and **71.0880, -34.0604, -42.1732** is the 20% darker color. If you saturate the color by 10%, you get **121.0510, -37.9861, -43.0177**, and if you desaturate by 10%, it is **131.8750, -27.5464, -31.4624**.

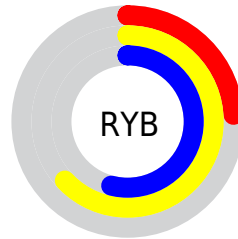
Distribution



Red (33%)

Green (63%)

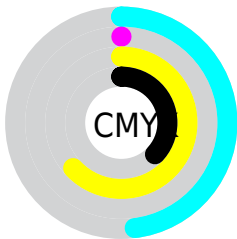
Blue (24%)



Red (24%)

Yellow (63%)

Blue (54%)

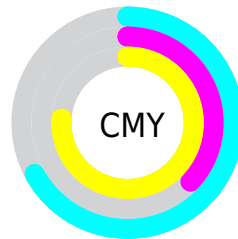


Cyan (48%)

Magenta (0%)

Yellow (63%)

Black (37%)



Cyan (67%)

Magenta (37%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4630, -32.7663, -37.2401 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 126.4630, -32.7663, -37.2401 by changing the saturation by 10% instead.

■ 126.4630,
-32.7663, -37.2401

■ 126.4630,
-32.7663, -37.2401

■ 255.0000, 0.0000,
0.0000

■ 99.2780, -32.1821,
-37.9548

■ 181.0070,
-34.5135, -36.8401

■ 71.0880, -34.0604,
-42.1732

■ 209.4800,
-35.2396, -37.2550

■ 49.3080, -24.3088,
-43.2431

■ 227.0990,
-30.6148, -27.2738

■ 34.6330, -17.0741,
-30.3731

■ 238.9620,
-22.6593, -12.2447

■ 22.8930, -11.2862,
-20.0772

■ 250.8250,
-14.7037, 2.7845

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 126.4630,
-32.7663, -37.2401

■ 126.4630,
-32.7663, -37.2401

■ 121.0510,
-37.9861, -43.0177

■ 131.8750,
-27.5464, -31.4624

■ 115.3400,
-43.0586, -49.4102

■ 137.5860,
-22.4739, -25.0699

■ 109.9280,
-48.2785, -55.1879

■ 142.9980,
-17.2540, -19.2922

■ 105.8690,
-52.1934, -59.5211

■ 148.4100,
-12.0341, -13.5146

■ 153.9360, -6.3774,
-7.8369

■ 159.6470, -1.3050,
-1.4444

■ 165.0590, 3.9149,
4.3333

■ 170.4710, 9.1348,
10.1109

■ 175.8830, 14.3547,
15.8886

Harmonies

Analogous

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



133.6960, -56.0521, 11.6676



126.4630, -32.7663, -37.2401



110.7970, 0.5931, -97.1690

Triad

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



126.4630, -32.7663, -37.2401



121.0180, 62.6021, -106.1328



139.4550, -9.5913, 89.9320

Complementary

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



126.4630, -32.7663, -37.2401



94.5370, 32.7663, 37.2401

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.



144.0610, 14.7599, 72.7375



126.4630, -32.7663, -37.2401



135.9700, 55.7238, -46.4547

Square

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



126.4630, -32.7663, -37.2401



122.8810, 46.8937, -107.7666



148.0950, 36.4352, 27.1037



139.5480, -34.2872, 77.5724

Rectangle

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



126.4630, -32.7663, -37.2401



116.3030, 16.6126, -101.9977



148.0950, 36.4352, 27.1037



140.3220, -1.1447, 87.4176

Sweetspot

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



126.4630, -32.7663, -37.2401



195.4700, -13.0497, -14.4442



134.8110, -36.8818, 22.9678



96.5830, -7.6824, -9.2813



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.



126.4630, -32.7663, -37.2401



155.5210, -51.0359, -57.4619



122.1370, -18.3085, -54.4941



78.8810, -2.8993, -3.4036



95.5800, -47.1209, -53.1287



11.7620, -5.7987, -6.8073

Inverse Universe

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



94.5370, 32.7663, 37.2401



105.7780, 50.8884, 58.0767



98.8630, 18.3085, 54.4941



76.1190, 2.8993, 3.4036



49.7190, 46.9735, 53.7434



6.2380, 5.7987, 6.8073

Previews

White Background



This preview shows how the YUV color 126.4630, -32.7663, -37.2401 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 126.4630, -32.7663, -37.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

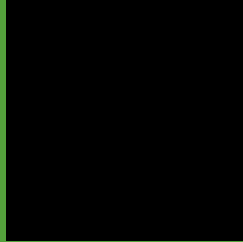
Any Text WCAG AA ✓ Pass

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 126.4630, -32.7663, -37.2401 Background



This preview shows how black text looks on a background with the YUV color 126.4630, -32.7663, -37.2401.



This preview shows how white text looks on a background with the YUV color 126.4630, -32.7663, -37.2401.

-37.2401.

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

126.4630, -32.7663, -37.2401

Protanopia

137.7520, -40.7967, 18.6345

Deuteranopia

140.2080, -35.5985, 31.3896



Tritanopia

138.0160, 12.3171, -30.7090

Trichromacy



Original Color

126.4630, -32.7663, -37.2401

Protanomaly

134.0160, -37.9689, -1.7680

Deuteranomaly

135.2820, -34.6490, 6.7687

Tritanomaly

134.0530, -3.9701, -33.3725

Monochromacy



Original Color

126.4630, -32.7663, -37.2401

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.4100, -12.0341, -13.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4630, -32.7663, -37.2401 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(84, 161, 60)` looks like.

```
.text, #text, p{  
    color:rgb(84, 161, 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(84, 161, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 161, 60) }
```

Border

The CSS property to change the border of an element to YUV 126.4630, -32.7663, -37.2401 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(84, 161, 60) }
```


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

```
.border{ border-color:rgb(84, 161, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 161, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 161, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 161, 60);  
box-shadow:4px 4px 4px 4px rgb(84, 161,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 126.4630, -32.7663, -37.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 161, 60) }
```

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

```
.background{ background-color: rgb(84, 161,  
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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