

Converting Colors

YUV(129.4650, -32.2742,
-8.3008)

Have a look what the booklet for
YUV(129.4650, -32.2742, -8.3008)
contains.

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Color

**YUV(129.4650, -32.2742,
-8.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	789340
RGB	120, 147, 64
RGB Percent	47%, 58%, 25%
CMY	0.5294, 0.4235, 0.7490
CMYK	0.18, 0.00, 0.56, 0.42
HSL	80°, 39%, 41%
HSV	80°, 56%, 58%
XYZ	19.1049, 25.2307, 8.7136
YIQ	129.4650, 10.5510, -31.5370

Conversions

Conversions Part 2

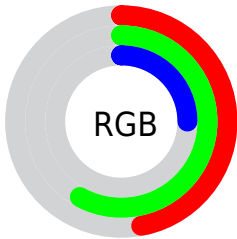
Format	Color
RYB	64, 147, 91
Decimal	7902016
CIELab	57.30, -23.06, 40.19
CIELCh	57, 46.335, 119.841
Yxy	25.2307, 0.3601, 0.4756
Android (android.graphics.Color)	4286092096 (0xFF789340)
YUV	129.4650, -32.2742, -8.3008
Hunter-Lab	50.2301, -20.0109, 24.8759

Details

The YUV color **129.4650, -32.2742, -8.3008** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.5350, 32.2742, 8.3008**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0090, -34.0214, -7.9009**, and **78.3510, -32.7110, -8.2008** is the 20% darker color. If you saturate the color by 10%, you get **126.2600, -38.0892, -9.8750**, and if you desaturate by 10%, it is **132.6700, -26.4593, -6.7266**.

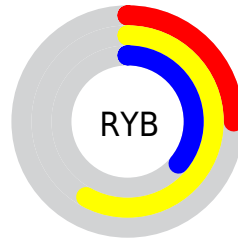
Distribution



Red (47%)

Green (58%)

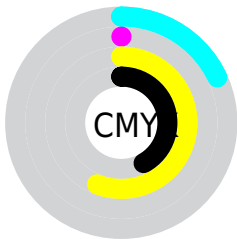
Blue (25%)



Red (25%)

Yellow (58%)

Blue (36%)

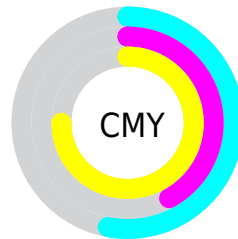


Cyan (18%)

Magenta (0%)

Yellow (56%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4650, -32.2742, -8.3008 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 129.4650, -32.2742, -8.3008 by changing the saturation by 10% instead.

■ 129.4650,
-32.2742, -8.3008

■ 129.4650,
-32.2742, -8.3008

255.0000, 0.0000,
0.0000

■ 103.5790,
-31.8374, -8.4008

■ 183.0090,
-34.0214, -7.9009

■ 78.3510, -32.7110,
-8.2008

■ 210.8950,
-34.4582, -7.8009

■ 55.4200, -27.3221,
-10.0153

■ 237.9060,
-34.4637, -6.0566

■ 35.0310, -17.2703,
-14.0592

■ 248.1600,
-26.2079, 5.9987

■ 17.6100, -8.6817,
-15.4440

■ 251.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 129.4650,
-32.2742, -8.3008

■ 129.4650,
-32.2742, -8.3008

■ 126.2600,
-38.0892, -9.8750

■ 132.6700,
-26.4593, -6.7266

■ 123.1690,
-43.4673, -11.5492

■ 135.7610,
-21.0812, -5.0524

■ 120.2630,
-49.4297, -12.5087

■ 138.6670,
-15.1188, -4.0930

■ 117.0580,
-55.2446, -14.0829

■ 141.8720, -9.3039,
-2.5187

■ 115.8900,
-57.1338, -14.8125

■ 145.0770, -3.4890,
-0.9445

■ 148.1680, 1.8892,
0.7297

■ 151.0740, 7.8515,
1.6891

■ 154.2790, 13.6665,
3.2633

■ 157.3700, 19.0446,
4.9375

Harmonies

Analogous

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



133.4260, -39.6500, 24.1824



129.4650, -32.2742, -8.3008



120.9620, -12.7993, -48.2017

Triad

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



129.4650, -32.2742, -8.3008



112.8220, 46.4298, -98.9449



139.0970, -0.0478, 62.1819

Complementary

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



129.4650, -32.2742, -8.3008



81.5350, 32.2742, 8.3008

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.



141.4760, 18.4993, 39.9245



129.4650, -32.2742, -8.3008



124.6510, 46.0211, -61.0839

Square

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



129.4650, -32.2742, -8.3008



112.3370, 31.8789, -98.5195



139.8220, 33.6118, -0.7209



137.2980, -18.3879, 64.6367

Rectangle

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



129.4650, -32.2742, -8.3008



106.0670, 7.8550, -93.0208



139.8220, 33.6118, -0.7209



139.7850, 6.5150, 57.1936

Sweetspot

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



129.4650, -32.2742, -8.3008



184.3620, -12.5035, -2.9485



104.0790, -19.7589, 37.6417



93.0400, -7.4147, -1.7891



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.



129.4650, -32.2742, -8.3008



163.6220, -50.5926, -12.8235



117.2060, -26.2306, -33.5067



72.6040, -2.7628, -0.5297



108.8130, -53.6448, -13.8680



7.9630, -3.9258, -0.8446

Inverse Universe

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



81.5350, 32.2742, 8.3008



88.6770, 50.4452, 13.4383



93.7940, 26.2306, 33.5067



68.3960, 2.7628, 0.5297



29.1870, 53.6448, 13.8680



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 129.4650, -32.2742, -8.3008 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 129.4650, -32.2742, -8.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

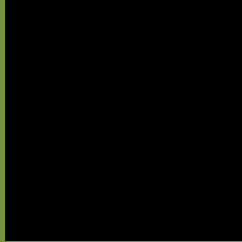
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4650, -32.2742, -8.3008

Background



This preview shows how black text looks on a background with the YUV color 129.4650, -32.2742, -8.3008.



This preview shows how white text looks on a background with the YUV color 129.4650, -32.2742, -8.3008.

-8.3008.

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

129.4650, -32.2742, -8.3008

Protanopia

132.8210, -35.4078, 16.8200

Deuteranopia

135.1800, -33.1197, 29.6601



Tritanopia

136.8620, 5.9840, -6.0180

Trichromacy



Original Color

129.4650, -32.2742, -8.3008

Protanomaly

131.6950, -34.3596, 7.2835

Deuteranomaly

133.2060, -32.6396, 15.6053

Tritanomaly

133.8930, -7.8352, -6.9222

Monochromacy



Original Color

129.4650, -32.2742, -8.3008

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.4760, -12.0667, -3.0485

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4650, -32.2742, -8.3008 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(120, 147, 64)` looks like.

```
.text, #text, p{  
    color:rgb(120, 147, 64)  
}
```

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(120, 147, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 147, 64) }
```

Border

The CSS property to change the border of an element to YUV 129.4650, -32.2742, -8.3008 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(120, 147, 64) }
```


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

```
.border{ border-color:rgb(120, 147, 64) }
```

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

Here you see how a box with a 4 pixel rgb(120, 147, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 147, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 147, 64);  
box-shadow:4px 4px 4px 4px rgb(120, 147,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 129.4650, -32.2742, -8.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 147, 64) }
```

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

```
.background{ background-color: rgb(120,  
147, 64) }
```

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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