

Converting Colors

YUV(111.8040, -32.9344,
16.8349)

Have a look what the booklet for
YUV(111.8040, -32.9344, 16.8349)
contains.

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Color

**YUV(111.8040, -32.9344,
16.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	83732D
RGB	131, 115, 45
RGB Percent	51%, 45%, 18%
CMY	0.4863, 0.5490, 0.8235
CMYK	0.00, 0.12, 0.66, 0.49
HSL	49°, 49%, 35%
HSV	49°, 66%, 51%
XYZ	15.9645, 17.2762, 4.9759
YIQ	111.8040, 32.0060, -18.3780

Conversions

Conversions Part 2

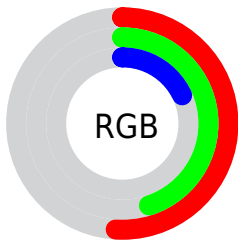
Format	Color
R_{YB}	65, 131, 45
Decimal	8614701
CIE Lab	48.61, -2.60, 39.89
CIE LCh	49, 39.970, 93.733
Yxy	17.2762, 0.4177, 0.4521
Android (android.graphics.Color)	4286804781 (0xFF83732D)
YUV	111.8040, -32.9344, 16.8349
Hunter-Lab	41.5647, -4.1786, 21.9975

Details

The YUV color **111.8040, -32.9344, 16.8349** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **64.1960, 32.9344, -16.8349**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3590, -34.6870, 18.9792**, and **62.9500, -31.0343, 14.0758** is the 20% darker color. If you saturate the color by 10%, you get **109.1480, -38.0340, 19.1642**, and if you desaturate by 10%, it is **114.4600, -27.8348, 14.5056**.

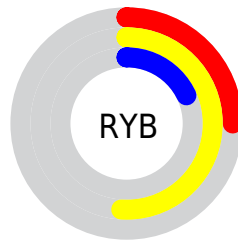
Distribution



Red (51%)

Green (45%)

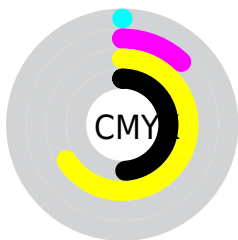
Blue (18%)



Red (25%)

Yellow (51%)

Blue (18%)

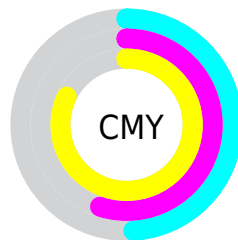


Cyan (0%)

Magenta (12%)

Yellow (66%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8040, -32.9344, 16.8349 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 111.8040, -32.9344, 16.8349 by changing the saturation by 10% instead.

■ 111.8040,
-32.9344, 16.8349

■ 111.8040,
-32.9344, 16.8349

255.0000, 0.0000,
0.0000

■ 86.7930, -32.9289,
15.0905

■ 164.3590,
-34.6870, 18.9792

■ 62.9500, -31.0343,
14.0758

■ 191.8430,
-35.4186, 20.3087

■ 42.5610, -20.9826,
10.0320

■ 219.9140,
-36.4396, 21.1234

■ 23.3460, -11.5096,
4.9586

■ 242.7170,
-34.3705, 10.7722

■ 0.0000, 0.0000,
0.0000

■ 248.8440,
-23.5871, 5.3988

■ 252.0360,

-11.3567, 2.5994

■ 111.8040,
-32.9344, 16.8349

■ 111.8040,
-32.9344, 16.8349

■ 109.1480,
-38.0340, 19.1642

■ 114.4600,
-27.8348, 14.5056

■ 105.9050,
-42.8442, 22.0083

■ 117.7030,
-23.0246, 11.6615

■ 103.2490,
-47.9438, 24.3376

■ 120.3590,
-17.9250, 9.3322

■ 101.9780,
-50.2752, 25.4523

■ 123.6020,
-13.1148, 6.4880

■ 126.3720, -7.5784,
4.0588

■ 129.6150, -2.7682,
1.2146

■ 132.2710, 2.3314,
-1.1147

■ 134.9270, 7.4310,
-3.4440

■ 138.1700, 12.2412,
-6.2881

Harmonies

Analogous

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



114.2720, -29.2211, 39.2265



111.8040, -32.9344, 16.8349



107.9900, -25.1381, -10.5152

Triad

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



111.8040, -32.9344, 16.8349



94.8120, 28.1937, -83.1501



118.4880, 13.5634, 36.4060

Complementary

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



111.8040, -32.9344, 16.8349



64.1960, 32.9344, -16.8349

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.



118.0200, 26.6121, 4.3675



111.8040, -32.9344, 16.8349



94.6130, 40.1238, -82.9756

Square

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



111.8040, -32.9344, 16.8349



91.0500, 13.7794, -79.8508



108.3670, 36.7941, -41.5409



116.2870, -1.6205, 53.2453

Rectangle

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



111.8040, -32.9344, 16.8349



104.1920, -14.8847, -32.6174



108.3670, 36.7941, -41.5409



118.9860, 18.2479, 27.1993

Sweetspot

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



111.8040, -32.9344, 16.8349



163.0150, -12.8254, 7.0028



72.6520, -5.2514, 51.1712



82.2580, -8.0152, 4.1587



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



111.8040, -32.9344, 16.8349



140.9350, -51.7330, 26.3670



113.4220, -33.7320, -7.3861



64.7290, -2.3314, 1.1147



101.0920, -49.8384, 25.3523



2.0710, -1.0210, 0.8147

Inverse Universe

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



64.1960, 32.9344, -16.8349



66.0650, 51.7330, -26.3670



62.5780, 33.7320, 7.3861



61.2710, 2.3314, -1.1147



28.9080, 49.8384, -25.3523



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 111.8040, -32.9344, 16.8349 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 111.8040, -32.9344, 16.8349 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 111.8040, -32.9344, 16.8349

Background



This preview shows how black text looks on a background with the YUV color 111.8040, -32.9344, 16.8349.



This preview shows how white text looks on a background with the YUV color 111.8040, -32.9344, 16.8349.

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

111.8040, -32.9344, 16.8349

Protanopia

111.7930, -32.9289, 15.0905

Deuteranopia

112.9840, -32.5301, 27.2010



Tritanopia

117.5830, -0.7804, 17.0287

Trichromacy



Original Color

111.8040, -32.9344, 16.8349

Protanomaly

112.0920, -33.0764, 15.7053

Deuteranomaly

112.5490, -32.8087, 23.1975

Tritanomaly

115.7820, -12.7105, 16.8542

Monochromacy



Original Color

111.8040, -32.9344, 16.8349

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8040, -32.9344, 16.8349 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(131, 115, 45)` looks like.

```
.text, #text, p{  
    color:rgb(131, 115, 45)  
}
```

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(131, 115, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 115, 45) }
```

Border

The CSS property to change the border of an element to YUV 111.8040, -32.9344, 16.8349 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(131, 115, 45) }
```


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

```
.border{ border-color:rgb(131, 115, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 115, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 115, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 115, 45);  
box-shadow:4px 4px 4px 4px rgb(131, 115,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 111.8040, -32.9344, 16.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 115, 45) }
```

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

```
.background{ background-color: rgb(131,  
115, 45) }
```

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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