

Converting Colors

YUV(176.7640, -32.4217,
-7.6860)

Have a look what the booklet for
YUV(176.7640, -32.4217, -7.6860)
contains.

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Color

**YUV(176.7640, -32.4217,
-7.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C26F
RGB	168, 194, 111
RGB Percent	66%, 76%, 44%
CMY	0.3412, 0.2392, 0.5647
CMYK	0.13, 0.00, 0.43, 0.24
HSL	79°, 40%, 60%
HSV	79°, 43%, 76%
XYZ	38.3095, 48.0561, 22.2956
YIQ	176.7640, 11.1470, -31.3250

Conversions

Conversions Part 2

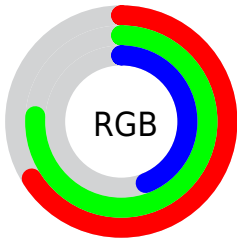
Format	Color
RYB	111, 194, 137
Decimal	11059823
CIELab	74.86, -22.30, 38.77
CIELCh	75, 44.728, 119.904
Yxy	48.0561, 0.3526, 0.4423
Android (android.graphics.Color)	4289249903 (0xFFA8C26F)
YUV	176.7640, -32.4217, -7.6860
Hunter-Lab	69.3225, -22.6705, 29.4569

Details

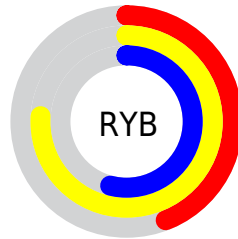
The YUV color **176.7640, -32.4217, -7.6860** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **128.2360, 32.4217, 7.6860**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0090, -34.0214, -7.9009**, and **123.2200, -30.6745, -8.0859** is the 20% darker color. If you saturate the color by 10%, you get **172.8040, -39.8364, -9.4751**, and if you desaturate by 10%, it is **180.7240, -25.0069, -5.8969**.

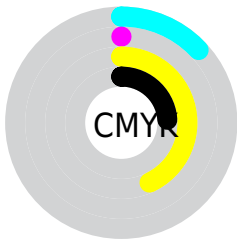
Distribution



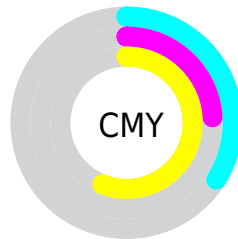
- Red (66%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (43%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7640, -32.4217, -7.6860 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 176.7640, -32.4217, -7.6860 by changing the saturation by 10% instead.

■ 176.7640,
-32.4217, -7.6860

■ 176.7640,
-32.4217, -7.6860

255.0000, 0.0000,
0.0000

■ 149.9920,
-31.5481, -7.8860

■ 233.0090,
-34.0214, -7.9009

■ 123.2200,
-30.6745, -8.0859

■ 247.1060,
-27.6603, 5.1690

■ 98.2200, -30.6745,
-8.0859

■ 251.0100,
-15.2879, 3.4992

■ 72.9920, -31.5481,
-7.8860

■ 254.2020, -3.0576,
0.6998

■ 50.7020, -24.9961,
-9.3857

■ 30.0140, -14.7969,
-14.0443

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 176.7640,
-32.4217, -7.6860

■ 176.7640,
-32.4217, -7.6860

■ 172.8040,
-39.8364, -9.4751

■ 180.7240,
-25.0069, -5.8969

■ 168.7300,
-47.6879, -11.1642

■ 184.7980,
-17.1554, -4.2078

■ 164.7700,
-55.1026, -12.9533

■ 188.7580, -9.7407,
-2.4188

■ 160.6960,
-62.9541, -14.6424

■ 192.8320, -1.8892,
-0.7297

■ 156.7360,
-70.3688, -16.4315

■ 196.7920, 5.5255,
1.0594

■ 153.6450,
-75.7470, -18.1057

■ 200.7520, 12.9403,
2.8485

■ 205.1250, 20.6444,
5.1524

■ 207.8310, 23.2543,
8.0412

■ 209.6250, 22.3699,
11.7299

Harmonies

Analogous

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



181.1380, -39.5080, 25.3120



176.7640, -32.4217, -7.6860



170.0440, -13.8257, -45.6426

Triad

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



176.7640, -32.4217, -7.6860



145.8830, 53.7947, -127.9394



186.0860, -0.0424, 60.4376

Complementary

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



176.7640, -32.4217, -7.6860



128.2360, 32.4217, 7.6860

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.



189.6610, 17.9151, 40.6393



176.7640, -32.4217, -7.6860



175.3060, 39.2891, -48.5034

Square

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



176.7640, -32.4217, -7.6860



145.8710, 38.5176, -127.9289



187.4200, 33.3169, 0.5087



183.7600, -19.1087, 62.4775

Rectangle

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



176.7640, -32.4217, -7.6860



162.2110, 2.8540, -75.6070



187.4200, 33.3169, 0.5087



188.8560, 5.4940, 58.0083

Sweetspot

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



176.7640, -32.4217, -7.6860



245.3620, -12.5035, -2.9485



150.4920, -19.4696, 38.1565



123.5130, -8.1409, -2.2039



0.0000, 0.0000, 0.0000



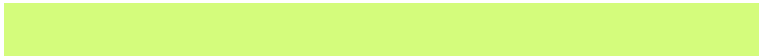
128.0000, 0.0000, 0.0000

Same Dimension

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



176.7640, -32.4217, -7.6860



225.4480, -50.0139, -11.7939



164.8040, -26.5254, -32.2771



94.9630, -3.9258, -0.8446



127.3970, -62.8067, -15.2572



26.2480, -12.9403, -2.8485

Inverse Universe

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



128.2360, 32.4217, 7.6860



150.5520, 50.0139, 11.7939



140.1960, 26.5254, 32.2771



89.0370, 3.9258, 0.8446



33.3040, 62.9541, 14.6424



6.7520, 12.9403, 2.8485

Previews

White Background



This preview shows how the YUV color 176.7640, -32.4217, -7.6860 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 176.7640, -32.4217, -7.6860 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 ✓ Pass

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

YUV 176.7640, -32.4217, -7.6860

Background



This preview shows how black text looks on a background with the YUV color 176.7640, -32.4217, -7.6860.



This preview shows how white text looks on a background with the YUV color 176.7640, -32.4217, -7.6860.

-7.6860.

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

176.7640, -32.4217, -7.6860

Protanopia

180.3050, -36.1394, 18.1495

Deuteranopia

182.8000, -33.4254, 34.3784



Tritanopia

184.1010, 6.8522, -4.4736

Trichromacy



Original Color

176.7640, -32.4217, -7.6860

Protanomaly

179.1790, -35.0912, 8.6130

Deuteranomaly

180.8150, -32.9398, 18.5792

Tritanomaly

181.6050, -7.6933, -5.7926

Monochromacy



Original Color

176.7640, -32.4217, -7.6860

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8890, -11.7773, -2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7640, -32.4217, -7.6860 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(168, 194, 111)` looks like.

```
.text, #text, p{  
    color:rgb(168, 194, 111)  
}
```

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(168, 194, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 194, 111) }
```

Border

The CSS property to change the border of an element to YUV 176.7640, -32.4217, -7.6860 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(168, 194, 111) }
```


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

```
.border{ border-color:rgb(168, 194, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 194, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 194, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 194, 111);  
box-shadow:4px 4px 4px 4px rgb(168, 194,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 176.7640, -32.4217, -7.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 194, 111) }
```

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

```
.background{ background-color: rgb(168,  
194, 111) }
```

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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