

Converting Colors

YUV(133.8660, 40.4921,
32.5665)

Have a look what the booklet for
YUV(133.8660, 40.4921, 32.5665)
contains.

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Color

**YUV(133.8660, 40.4921,
32.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	AB63D8
RGB	171, 99, 216
RGB Percent	67%, 39%, 85%
CMY	0.3294, 0.6118, 0.1529
CMYK	0.21, 0.54, 0.00, 0.15
HSL	277°, 60%, 62%
HSV	277°, 54%, 85%
XYZ	33.6511, 22.5395, 67.5427
YIQ	133.8660, 5.3550, 51.6510

Conversions

Conversions Part 2

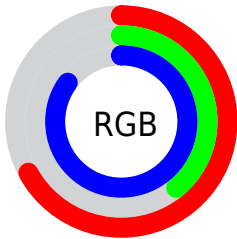
Format	Color
RYB	171, 99, 216
Decimal	11232216
CIELab	54.59, 49.43, -48.85
CIELCh	55, 69.499, 315.335
Yxy	22.5395, 0.2720, 0.1822
Android (android.graphics.Color)	4289422296 (0xFFAB63D8)
YUV	133.8660, 40.4921, 32.5665
Hunter-Lab	47.4758, 43.4393, -51.1175

Details

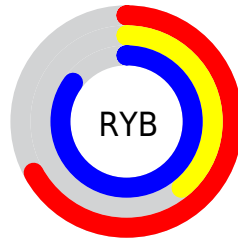
The YUV color **133.8660, 40.4921, 32.5665** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **181.1340, -40.4921, -32.5665**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7650, 33.6399, 37.0401**, and **80.5130, 39.1871, 31.1221** is the 20% darker color. If you saturate the color by 10%, you get **118.5600, 48.0379, 38.9739**, and if you desaturate by 10%, it is **149.1720, 32.9462, 26.1592**.

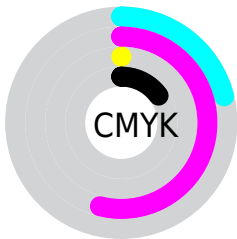
Distribution



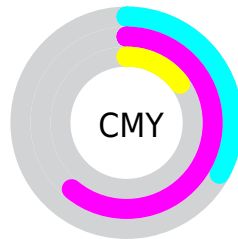
- Red (67%)
- Green (39%)
- Blue (85%)



- Red (67%)
- Yellow (39%)
- Blue (85%)



- Cyan (21%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8660, 40.4921, 32.5665 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 133.8660, 40.4921, 32.5665 by changing the saturation by 10% instead.

133.8660, 40.4921,
32.5665

133.8660, 40.4921,
32.5665

255.0000, 0.0000,
0.0000

107.0400, 39.9133,
31.5369

186.7650, 33.6399,
37.0401

80.5130, 39.1871,
31.1221

210.9750, 21.7043,
38.6099

52.7410, 40.0607,
30.9221

227.4110, 13.6014,
24.1956

30.8500, 38.0350,
27.3185

244.4340, 5.2090,
9.2664

19.9270, 31.0950,
13.2190

6.7260, 25.7711,
-5.8987

5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 133.8660, 40.4921,
32.5665

■ 133.8660, 40.4921,
32.5665

■ 118.5600, 48.0379,
38.9739

■ 149.1720, 32.9462,
26.1592

■ 103.5420, 55.4418,
44.2517

■ 164.1900, 25.5423,
20.8814

■ 88.2360, 62.9877,
50.6590

■ 179.4960, 17.9965,
14.4740

■ 73.5170, 70.2441,
56.5516

■ 194.2150, 10.7400,
8.5814

64.3910, 74.7432,
60.1701

209.8200, 3.0467,
2.7889

225.1260, -4.4991,
-3.6185

239.8450,
-11.7556, -9.5111

245.1720,
-14.3818, -7.1668

247.8630,
-15.7085, -1.6339

Harmonies

Analogous

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



115.9770, 65.0873, -63.1238



133.8660, 40.4921, 32.5665



125.4630, 18.5057, 84.6629

Triad

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



133.8660, 40.4921, 32.5665



122.7980, -60.5394, 51.0432



111.1000, 24.6007, -97.4347

Complementary

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



133.8660, 40.4921, 32.5665



181.1340, -40.4921, -32.5665

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.



102.7440, -2.3388, -90.1065



133.8660, 40.4921, 32.5665



118.9900, -58.6621, 8.7788

Square

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



133.8660, 40.4921, 32.5665



123.2670, -38.0926, 84.8348



107.8870, -35.9333, -48.1359



115.4950, 49.0560, -101.2891

Rectangle

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



133.8660, 40.4921, 32.5665



120.5670, 0.7065, 100.3577



107.8870, -35.9333, -48.1359



108.1190, 15.7173, -94.8204

Sweetspot

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



133.8660, 40.4921, 32.5665



226.1490, 14.2235, 11.2703



139.9270, 37.5040, -35.8930



110.3350, 8.7088, 6.7222



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.



133.8660, 40.4921, 32.5665



138.4220, 57.4730, 46.1109



145.9530, 28.6172, 61.4312



99.3470, 3.7729, 3.2037



50.8890, 59.2147, 47.4553



12.9750, 14.8023, 12.2999

Inverse Universe

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



139.1130, 2.4093, 67.4299



145.9300, 3.4855, 95.6544



169.0470, -28.6172, -61.4312



99.8590, 0.5625, 6.2627



58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 133.8660, 40.4921, 32.5665 looks on a white background.

Color Contrast Check

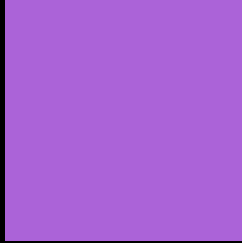
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8660, 40.4921, 32.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

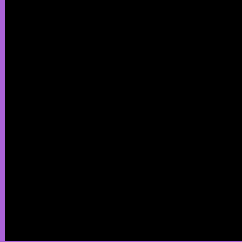
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8660, 40.4921, 32.5665

Background



This preview shows how black text looks on a background with the YUV color 133.8660, 40.4921, 32.5665.



This preview shows how white text looks on a background with the YUV color 133.8660, 40.4921,

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

133.8660, 40.4921, 32.5665

Protanopia

123.1810, 59.0708, -46.6397

Deuteranopia

126.2520, 41.2878, -36.1780



Tritanopia

132.7900, -1.3755, 21.2322

Trichromacy



Original Color

133.8660, 40.4921, 32.5665



Protanomaly

127.2340, 52.1426, -17.7452



Deuteranomaly

128.7050, 41.0644, -11.1423



Tritanomaly

133.1230, 13.7434, 25.3251

Monochromacy



Original Color

133.8660, 40.4921, 32.5665



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.6760, 14.9497, 11.6851

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8660, 40.4921, 32.5665 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(171, 99, 216)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 216)  
}
```

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(171, 99, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 216) }
```

Border

The CSS property to change the border of an element to YUV 133.8660, 40.4921, 32.5665 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(171, 99, 216) }
```


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

```
.border{ border-color:rgb(171, 99, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 99, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 216);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 133.8660, 40.4921, 32.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 216) }
```

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

```
.background{ background-color: rgb(171, 99,  
216) }
```

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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