

Converting Colors

YUV(34.9340, 16.7945,
-20.1131)

Have a look what the booklet for
YUV(34.9340, 16.7945, -20.1131)
contains.

YUV(34.9340, 16.7945, -20.1131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(34.9340, 16.7945,
-20.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2845
RGB	12, 40, 69
RGB Percent	5%, 16%, 27%
CMY	0.9529, 0.8431, 0.7294
CMYK	0.83, 0.42, 0.00, 0.73
HSL	211°, 70%, 16%
HSV	211°, 83%, 27%
XYZ	1.9846, 2.0254, 5.9166
YIQ	34.9340, -25.9970, 3.0830

Conversions

Conversions Part 2

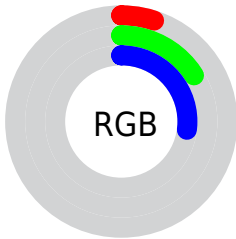
Format	Color
R_{YB}	12, 31, 69
Decimal	796741
CIE _{Lab}	15.62, 1.39, -21.24
CIE _{LCh}	16, 21.281, 273.744
Yxy	2.0254, 0.1999, 0.2040
Android (android.graphics.Color)	4278986821 (0xFF0C2845)
YUV	34.9340, 16.7945, -20.1131
Hunter-Lab	14.2317, -0.0140, -14.6865

Details

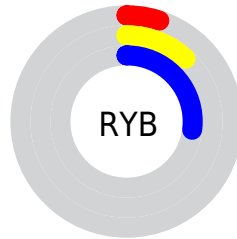
The YUV color **34.9340, 16.7945, -20.1131** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46.0660, -16.7945, 20.1131**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0700, 17.2205, -16.7244**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **30.4930, 18.9840, -22.3574**, and if you desaturate by 10%, it is **39.3750, 14.6051, -17.8689**.

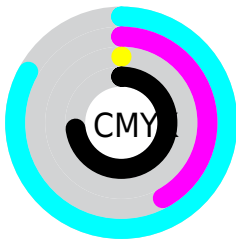
Distribution



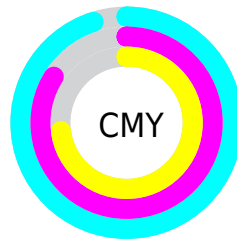
- Red (5%)
- Green (16%)
- Blue (27%)



- Red (5%)
- Yellow (12%)
- Blue (27%)



- Cyan (83%)
- Magenta (42%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9340, 16.7945, -20.1131 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 34.9340, 16.7945, -20.1131 by changing the saturation by 10% instead.

■ 34.9340, 16.7945,
-20.1131

■ 34.9340, 16.7945,
-20.1131

■ 254.1030, 0.4422,
-1.8443

■ 16.5110, 15.0311,
-14.4801

■ 82.0700, 17.2205,
-16.7244

■ 3.5510, 11.0674,
-3.1142

■ 106.5970, 17.9467,
-16.3096

■ 0.0000, 0.0000,
0.0000

■ 132.1240, 18.6729,
-15.8947

■ 158.2380, 19.1097,
-15.9947

■ 185.3520, 19.5465,
-16.0947

■ 213.4660, 19.9833,

-16.1947

■ 238.3880, 8.1897,
-13.4953

■ 34.9340, 16.7945,
-20.1131

■ 34.9340, 16.7945,
-20.1131

■ 30.4930, 18.9840,
-22.3574

■ 39.3750, 14.6051,
-17.8689

■ 27.8240, 20.2998,
-24.4016

■ 43.2290, 12.7051,
-15.1098

■ 47.6700, 10.5157,
-12.8656

■ 51.5240, 8.6157,
-10.1065

■ 55.9650, 6.4263,
-7.8623

■ 59.5200, 4.6736,
-5.7180

■ 63.9610, 2.4842,
-3.4738

■ 67.8150, 0.5842,
-0.7148

■ 72.2560, -1.6052,
1.5295

Harmonies

Analogous

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



33.3520, 16.0955, -29.2497



34.9340, 16.7945, -20.1131



39.8120, 11.9247, 1.9189

Triad

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



34.9340, 16.7945, -20.1131



38.4930, -7.6380, 23.2466



31.6570, -3.2819, -20.7472

Complementary

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



34.9340, 16.7945, -20.1131



46.0660, -16.7945, 20.1131

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.



35.5790, -11.6244, -4.8928



34.9340, 16.7945, -20.1131



37.8530, -13.7315, 17.6689

Square

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



34.9340, 16.7945, -20.1131



39.3280, -0.6547, 23.3913



37.1030, -16.3198, 7.8027



31.5620, 4.1599, -27.6799

Rectangle

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



34.9340, 16.7945, -20.1131



40.2540, 8.2558, 12.0552



37.1030, -16.3198, 7.8027



33.7780, -6.7926, -14.7143

Sweetspot

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



34.9340, 16.7945, -20.1131



75.9650, 6.4263, -7.8623



48.7650, -3.8281, -32.2429



37.7050, 4.0894, -5.0033



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



34.9340, 16.7945, -20.1131



36.2730, 25.9944, -30.9344



18.4980, 24.8975, -5.6987



33.6300, 1.1684, -1.4295



40.0490, 29.0628, -35.1230



91.0350, 67.0307, -79.8377

Inverse Universe

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



32.2350, 3.8281, 32.2429



32.2140, 5.8105, 49.8013



62.5020, -24.8975, 5.6987



33.4240, 0.2840, 2.2592



35.1870, 6.8098, 55.9640



80.5270, 15.0232, 128.4568

Previews

White Background



This preview shows how the YUV color 34.9340, 16.7945, -20.1131 looks on a white background.

Color Contrast Check

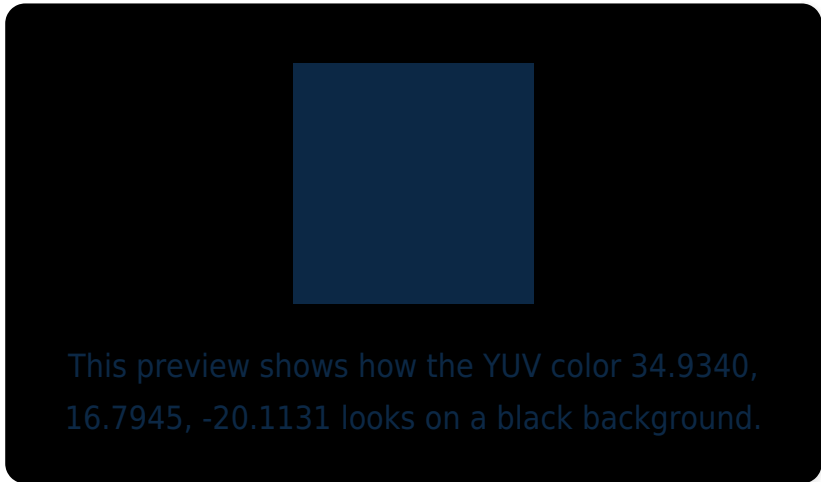
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

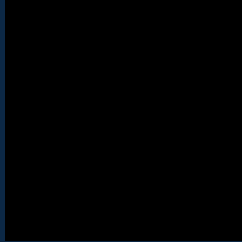
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.9340, 16.7945, -20.1131

Background



This preview shows how black text looks on a background with the YUV color 34.9340, 16.7945, -20.1131.



This preview shows how white text looks on a background with the YUV color 34.9340, 16.7945,

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

34.9340, 16.7945, -20.1131

Protanopia

38.0170, 14.2886, -9.6619

Deuteranopia

35.5320, 16.4997, -18.8836



Tritanopia

31.1860, 7.7963, -27.3501

Trichromacy



Original Color

34.9340, 16.7945, -20.1131

Protanomaly

37.2230, 15.1731, -13.3506

Deuteranomaly

35.2330, 16.6471, -19.4983

Tritanomaly

32.7070, 10.9904, -25.1760

Monochromacy



Original Color

34.9340, 16.7945, -20.1131

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1500, 5.8421, -7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9340, 16.7945, -20.1131 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(12, 40, 69)` looks like.

```
.text, #text, p{  
    color:rgb(12, 40, 69)  
}
```

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(12, 40, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 40, 69) }
```

Border

The CSS property to change the border of an element to YUV 34.9340, 16.7945, -20.1131 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(12, 40, 69) }
```


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

```
.border{ border-color:rgb(12, 40, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 40, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 40, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 40, 69);  
box-shadow:4px 4px 4px 4px rgb(12, 40, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.9340, 16.7945, -20.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 40, 69) }
```

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

```
.background{ background-color: rgb(12, 40,  
69) }
```

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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