

Converting Colors

YUV(41.1670, 16.6797,
-29.9645)

Have a look what the booklet for
YUV(41.1670, 16.6797, -29.9645)
contains.

YUV(41.1670, 16.6797, -29.9645)	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(41.1670, 16.6797,
-29.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	07344B
RGB	7, 52, 75
RGB Percent	3%, 20%, 29%
CMY	0.9725, 0.7961, 0.7059
CMYK	0.91, 0.31, 0.00, 0.71
HSL	200°, 83%, 16%
HSV	200°, 91%, 29%
XYZ	2.5856, 3.0092, 7.1012
YIQ	41.1670, -34.2030, -2.3870

Conversions

Conversions Part 2

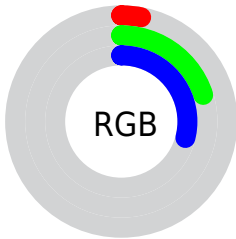
Format	Color
R_YB	7, 34, 75
Decimal	472139
CIE _{Lab}	20.08, -5.14, -18.30
CIE _{LCh}	20, 19.006, 254.298
Yxy	3.0092, 0.2037, 0.2370
Android (android.graphics.Color)	4278662219 (0xFF07344B)
YUV	41.1670, 16.6797, -29.9645
Hunter-Lab	17.3469, -3.7511, -12.1282

Details

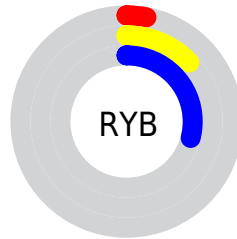
The YUV color $41.1670, 16.6797, -29.9645$ is a dark color, and the websafe version is hex 003333 . A complement of this color would be $40.8330, -16.6797, 29.9645$, and the grayscale version is $41.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $90.4990, 16.5160, -24.1166$, and $4.7080, 12.9620, -4.1289$ is the 20% darker color. If you saturate the color by 10%, you get $37.9000, 18.2903, -33.2383$, and if you desaturate by 10%, it is $45.3200, 14.6322, -26.5906$.

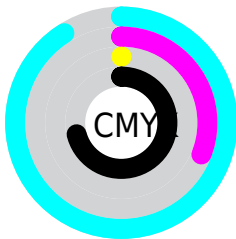
Distribution



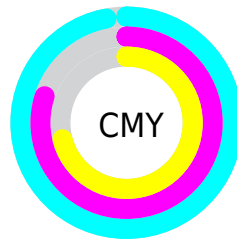
- Red (3%)
- Green (20%)
- Blue (29%)



- Red (3%)
- Yellow (13%)
- Blue (29%)



- Cyan (91%)
- Magenta (31%)
- Yellow (0%)
- Black (71%)



- Cyan (97%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1670, 16.6797, -29.9645 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 41.1670, 16.6797, -29.9645 by changing the saturation by 10% instead.

■ 41.1670, 16.6797,
-29.9645

■ 41.1670, 16.6797,
-29.9645

■ 254.4020, 0.2948,
-1.2296

■ 24.1250, 13.7424,
-21.1576

■ 90.4990, 16.5160,
-24.1166

■ 4.7080, 12.9620,
-4.1289

■ 115.6130, 16.9528,
-24.2166

■ 0.3420, 1.3104,
-0.2999

■ 141.7270, 17.3896,
-24.3166

■ 0.0000, 0.0000,
0.0000

■ 168.7270, 17.3896,
-24.3166

■ 195.8410, 17.8264,
-24.4166

■ 222.9720, 15.7898,

-24.5314

■ 245.7310, 4.5696,
-19.0581

■ 41.1670, 16.6797,
-29.9645

■ 41.1670, 16.6797,
-29.9645

■ 37.9000, 18.2903,
-33.2383

■ 45.3200, 14.6322,
-26.5906

■ 48.5870, 13.0216,
-23.3168

■ 52.7400, 10.9742,
-19.9430

■ 56.0070, 9.3635,
-16.6691

■ 60.1600, 7.3161,
-13.2953

■ 63.4270, 5.7055,
-10.0215

■ 67.5800, 3.6581,
-6.6477

■ 70.8470, 2.0474,
-3.3738

■ 75.0000, 0.0000,
0.0000

Harmonies

Analogous

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



39.9230, 13.3490, -35.0125



41.1670, 16.6797, -29.9645



48.0880, 13.2676, -8.8472

Triad

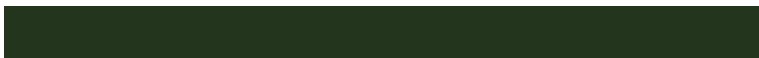
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.1670, 16.6797, -29.9645



48.9320, -3.4175, 22.8616



44.7680, -8.2666, -8.5665

Complementary

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



41.1670, 16.6797, -29.9645



40.8330, -16.6797, 29.9645

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.



46.9930, -12.8145, 3.5141



41.1670, 16.6797, -29.9645



48.4280, -9.0850, 20.6726

Square

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



41.1670, 16.6797, -29.9645



49.9190, 2.9979, 18.4880



47.7600, -12.6997, 13.3655



41.3300, -0.6557, -23.0914

Rectangle

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



41.1670, 16.6797, -29.9645



49.4700, 10.6143, 2.2188



47.7600, -12.6997, 13.3655



45.6330, -10.1721, -4.0631

Sweetspot

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



41.1670, 16.6797, -29.9645



83.9430, 6.4371, -11.3510



49.5380, -9.6322, -37.3058



40.5800, 3.6581, -6.6477



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



41.1670, 16.6797, -29.9645



48.6260, 23.8484, -42.6450



21.2090, 26.5190, -12.4613



36.2170, 0.8790, -1.9443



50.9570, 25.1642, -44.6893



115.4440, 56.4761, -101.2444

Inverse Universe

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



32.4620, 9.6322, 37.3058



36.2990, 13.6566, 53.2348



60.7910, -26.5190, 12.4613



35.5380, 0.7208, 2.1592



38.2500, 14.6668, 55.9087



86.0980, 32.4897, 126.2021

Previews

White Background



This preview shows how the YUV color 41.1670, 16.6797, -29.9645 looks on a white background.

Color Contrast Check

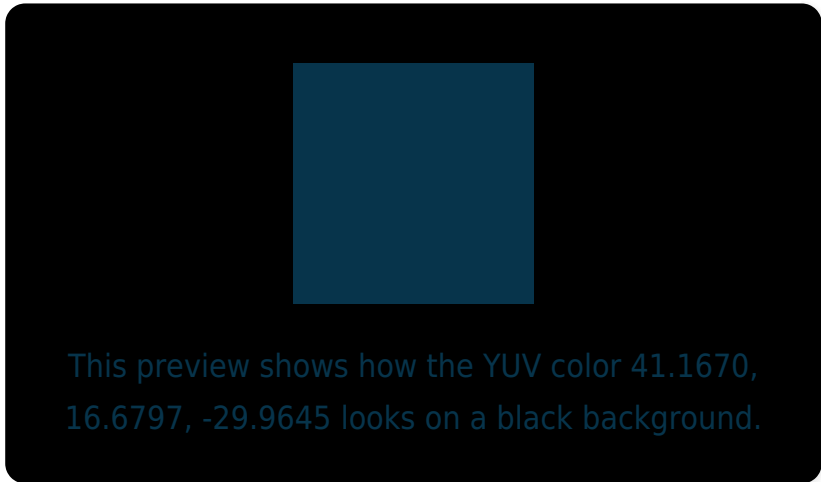
Large Text (above 18pt) WCAG AA ✓ Pass

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

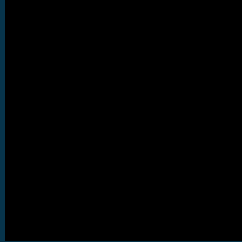
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1670, 16.6797, -29.9645

Background



This preview shows how black text looks on a background with the YUV color 41.1670, 16.6797, -29.9645.



This preview shows how white text looks on a background with the YUV color 41.1670, 16.6797,

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

41.1670, 16.6797, -29.9645

Protanopia

48.6430, 11.5150, -6.7029

Deuteranopia

47.8920, 13.8572, -11.3063



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

41.1670, 16.6797, -29.9645

Protanomaly

45.7560, 13.4313, -14.6950

Deuteranomaly

45.4890, 15.0419, -17.9689

Tritanomaly

39.3040, 12.1751, -31.8386

Monochromacy



Original Color

41.1670, 16.6797, -29.9645

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1670, 16.6797, -29.9645 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(7, 52, 75)` looks like.

```
.text, #text, p{  
    color:rgb(7, 52, 75)  
}
```

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(7, 52, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 52, 75) }
```

Border

The CSS property to change the border of an element to YUV 41.1670, 16.6797, -29.9645 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(7, 52, 75) }
```


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

```
.border{ border-color:rgb(7, 52, 75) }
```

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

Here you see how a box with a 4 pixel rgb(7, 52, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 52, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 52, 75); box-shadow:4px  
4px 4px 4px rgb(7, 52, 75) }
```

Background

The CSS property to change the background color of an element to YUV 41.1670, 16.6797, -29.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 52, 75) }
```

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

```
.background{ background-color: rgb(7, 52,  
75) }
```

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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