

Converting Colors

YUV(66.6870, 41.5663,
-32.1745)

Have a look what the booklet for
YUV(66.6870, 41.5663, -32.1745)
contains.

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Color

**YUV(66.6870, 41.5663,
-32.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4597
RGB	30, 69, 151
RGB Percent	12%, 27%, 59%
CMY	0.8824, 0.7294, 0.4078
CMYK	0.80, 0.54, 0.00, 0.41
HSL	221°, 67%, 35%
HSV	221°, 80%, 59%
XYZ	8.2495, 6.7666, 30.1495
YIQ	66.6870, -49.5660, 17.2340

Conversions

Conversions Part 2

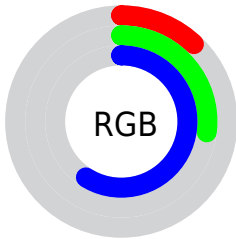
Format	Color
R_{YB}	30, 59, 151
Decimal	1983895
CIE _{Lab}	31.27, 17.63, -48.86
CIE _{LCh}	31, 51.941, 289.840
Yxy	6.7666, 0.1826, 0.1498
Android (android.graphics.Color)	4280173975 (0xFF1E4597)
YUV	66.6870, 41.5663, -32.1745
Hunter-Lab	26.0127, 11.0856, -50.5097

Details

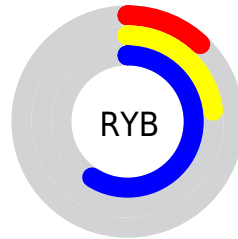
The YUV color **66.6870, 41.5663, -32.1745** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **114.3130, -41.5663, 32.1745**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5680, 42.1180, -22.4231**, and **27.1350, 35.4294, -23.7974** is the 20% darker color. If you saturate the color by 10%, you get **56.3320, 46.6713, -36.2482**, and if you desaturate by 10%, it is **77.0420, 36.4613, -28.1008**.

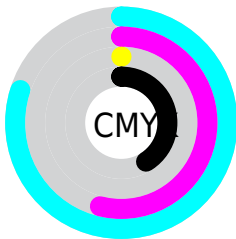
Distribution



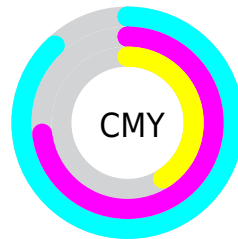
- Red (12%)
- Green (27%)
- Blue (59%)



- Red (12%)
- Yellow (23%)
- Blue (59%)



- Cyan (80%)
- Magenta (54%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (73%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6870, 41.5663, -32.1745 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 66.6870, 41.5663, -32.1745 by changing the saturation by 10% instead.

■ 66.6870, 41.5663,
-32.1745

■ 66.6870, 41.5663,
-32.1745

■ 255.0000, 0.0000,
0.0000

■ 41.8390, 40.9984,
-36.6928

■ 120.5680, 42.1180,
-22.4231

■ 27.1350, 35.4294,
-23.7974

■ 146.8070, 42.9861,
-20.8787

■ 8.5500, 32.7599,
-7.4984

■ 173.1340, 40.3599,
-18.5345

■ 8.1620, 21.1191,
-7.1581

■ 198.2410, 27.9822,
-15.1204

■ 4.4800, 12.0884,
-3.9290

■ 222.7610, 15.8938,
-11.1914

■ 0.0000, 0.0000,
0.0000

■ 248.4550, 3.2267,

-8.2920

■ 66.6870, 41.5663,
-32.1745

■ 66.6870, 41.5663,
-32.1745

■ 56.3320, 46.6713,
-36.2482

■ 77.0420, 36.4613,
-28.1008

■ 45.9770, 51.7763,
-40.3218

■ 87.3970, 31.3563,
-24.0272

■ 98.3390, 25.9619,
-20.4683

■ 108.6940, 20.8569,
-16.3946

■ 119.3480, 15.6044,
-11.7062

■ 129.7030, 10.4994,
-7.6325

■ 140.6450, 5.1050,
-4.0737

■ 151.0000, 0.0000,
0.0000

■ 161.3550, -5.1050,
4.0737

Harmonies

Analogous

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



66.2770, 43.2474, -58.1249



66.6870, 41.5663, -32.1745



74.6470, 25.8100, 28.3736

Triad

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



66.6870, 41.5663, -32.1745



67.0720, -29.1225, 54.3109



59.4420, -0.7109, -52.1306

Complementary

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



66.6870, 41.5663, -32.1745



114.3130, -41.5663, 32.1745

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.



52.5510, -19.4986, -46.0872



66.6870, 41.5663, -32.1745



69.8270, -34.4247, 28.2157

Square

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



66.6870, 41.5663, -32.1745



63.0180, -6.9109, 70.1442



66.3950, -32.7327, -1.2234



64.8170, 17.3452, -56.8445

Rectangle

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



66.6870, 41.5663, -32.1745



69.1080, 16.7088, 54.2793



66.3950, -32.7327, -1.2234



57.2590, -6.5367, -50.2161

Sweetspot

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



66.6870, 41.5663, -32.1745



163.1630, 16.1886, -12.4210



110.2610, 0.3643, -70.3889



79.4750, 9.6258, -7.4326



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



66.6870, 41.5663, -32.1745



65.2390, 64.4652, -50.1986



49.7740, 49.9044, 0.1982



71.0860, 2.9156, -1.8294



42.3750, 48.1291, -37.1629



3.8300, 4.5208, -3.3589

Inverse Universe

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



70.6250, -0.8011, 70.4889



71.1660, -1.0678, 109.4794



131.2260, -49.9044, -0.1982



71.6200, -0.3057, 4.7183



46.9900, -0.9811, 81.5698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 66.6870, 41.5663, -32.1745 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



This preview shows how the YUV color 66.6870, 41.5663, -32.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

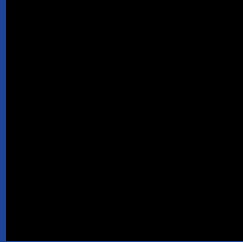
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.6870, 41.5663, -32.1745

Background



This preview shows how black text looks on a background with the YUV color 66.6870, 41.5663, -32.1745.



This preview shows how white text looks on a background with the YUV color 66.6870, 41.5663,

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

66.6870, 41.5663, -32.1745

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

58.8450, 35.0794, -51.6071



Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Original Color

66.6870, 41.5663, -32.1745

Protanomaly

61.4790, 43.6409, -44.2701

Deuteranomaly

61.8720, 37.5311, -44.6147

Tritanomaly

61.0280, 24.1432, -43.8746

Monochromacy



Original Color

66.6870, 41.5663, -32.1745

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2340, 15.1676, -11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6870, 41.5663, -32.1745 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(30, 69, 151)` looks like.

```
.text, #text, p{  
    color:rgb(30, 69, 151)  
}
```

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(30, 69, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 69, 151) }
```

Border

The CSS property to change the border of an element to YUV 66.6870, 41.5663, -32.1745 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(30, 69, 151) }
```


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

```
.border{ border-color:rgb(30, 69, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 69, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 69, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 69, 151);  
box-shadow:4px 4px 4px 4px rgb(30, 69,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 66.6870, 41.5663, -32.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 69, 151) }
```

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

```
.background{ background-color: rgb(30, 69,  
151) }
```

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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