

Converting Colors

YUV(34.2730, 46.2074,
-27.4264)

Have a look what the booklet for
YUV(34.2730, 46.2074, -27.4264)
contains.

| | |
|--|----|
| YUV(34.2730, 46.2074, -27.4264) | 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(34.2730, 46.2074,
-27.4264)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 032080 |
| RGB | 3, 32, 128 |
| RGB Percent | 1%, 13%, 50% |
| CMY | 0.9882, 0.8745, 0.4980 |
| CMYK | 0.98, 0.75, 0.00, 0.50 |
| HSL | 226°, 95%, 26% |
| HSV | 226°, 98%, 50% |
| XYZ | 4.4503, 2.6109, 20.6915 |
| YIQ | 34.2730, -48.1000, 23.7080 |

Conversions

Conversions Part 2

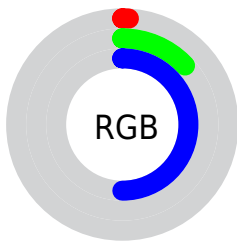
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 3, 27, 128 |
| Decimal | 204928 |
| CIE _{Lab} | 18.41, 31.88, -55.65 |
| CIE _{LCh} | 18, 64.138, 299.808 |
| Yxy | 2.6109, 0.1604, 0.0941 |
| Android (android.graphics.Color) | 4278395008 (0xFF032080) |
| YUV | 34.2730, 46.2074, -27.4264 |
| Hunter-Lab | 16.1583, 20.8859, -64.6130 |

Details

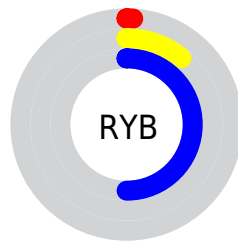
The YUV color **34.2730, 46.2074, -27.4264** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **96.7270, -46.2074, 27.4264**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.2800, 45.7110, -8.1386**, and **8.8920, 34.0702, -7.7983** is the 20% darker color. If you saturate the color by 10%, you get **32.2020, 47.2284, -28.2412**, and if you desaturate by 10%, it is **44.0300, 41.3972, -24.5823**.

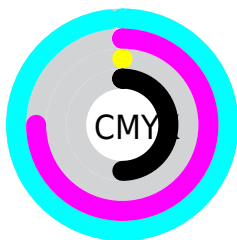
Distribution



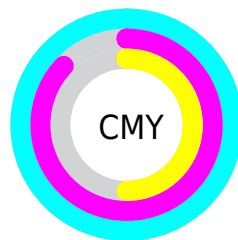
- Red (1%)
- Green (13%)
- Blue (50%)



- Red (1%)
- Yellow (11%)
- Blue (50%)



- Cyan (98%)
- Magenta (75%)
- Yellow (0%)
- Black (50%)



- Cyan (99%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.2730, 46.2074, -27.4264 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 34.2730, 46.2074, -27.4264 by changing the saturation by 10% instead.

■ 34.2730, 46.2074,
-27.4264

■ 34.2730, 46.2074,
-27.4264

■ 255.0000, 0.0000,
0.0000

■ 18.6720, 41.0807,
-16.3753

■ 89.2800, 45.7110,
-8.1386

■ 8.8920, 34.0702,
-7.7983

■ 115.8180, 46.4317,
-5.9794

■ 9.0910, 22.1401,
-7.9728

■ 142.4700, 47.5893,
-3.9202

■ 4.7080, 12.9620,
-4.1289

■ 167.9280, 42.9265,
-1.6909

■ 0.3420, 1.3104,
-0.2999

■ 191.8610, 31.1275,
2.7529

■ 0.0000, 0.0000,
0.0000

■ 216.9680, 18.7498,

6.1671

242.3740, 6.2246,
10.1960

34.2730, 46.2074,
-27.4264

34.2730, 46.2074,
-27.4264

32.2020, 47.2284,
-28.2412

44.0300, 41.3972,
-24.5823

53.7870, 36.5870,
-21.7382

62.6580, 32.2136,
-18.9941

72.4150, 27.4034,
-16.1500

82.1720, 22.5932,
-13.3058

■ 91.9290, 17.7830,
-10.4617

■ 101.6860, 12.9728,
-7.6176

■ 111.1440, 8.3100,
-5.3883

■ 120.3140, 3.7892,
-2.0294

Harmonies

Analogous

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



47.1850, 46.2508, -41.3812



34.2730, 46.2074, -27.4264



39.3060, 26.4711, 49.7206

Triad

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



34.2730, 46.2074, -27.4264



37.1880, -18.3337, 47.1931



40.7090, 1.1295, -35.7018

Complementary

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



34.2730, 46.2074, -27.4264



96.7270, -46.2074, 27.4264

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.



34.6330, -17.0741, -30.3731



34.2730, 46.2074, -27.4264



42.8710, -21.1354, 12.3911

Square

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



34.2730, 46.2074, -27.4264



34.0860, -16.8044, 70.0846



31.6980, -15.6271, -27.7991



46.7680, 21.8064, -41.0155

Rectangle

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



34.2730, 46.2074, -27.4264



41.2680, 10.7139, 63.7860



31.6980, -15.6271, -27.7991



38.2980, -5.5699, -33.5873

Sweetspot

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



34.2730, 46.2074, -27.4264



129.9290, 17.7830, -10.4617



87.3190, 5.7587, -73.9478



62.4150, 10.6414, -6.5030



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



34.2730, 46.2074, -27.4264



41.2300, 61.5116, -36.1587



27.1170, 49.7353, 7.7904



58.9720, 2.4788, -1.7294



32.2020, 47.2284, -28.2412



0.0000, 0.0000, 0.0000

Inverse Universe

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



43.6810, -5.7587, 73.9478



53.9660, -7.8712, 98.2538



103.8830, -49.7353, -7.7904



59.3210, -0.1583, 4.1035



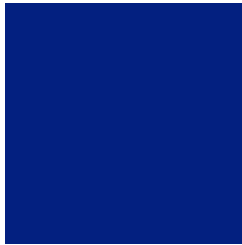
41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 34.2730, 46.2074, -27.4264 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 34.2730, 46.2074, -27.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

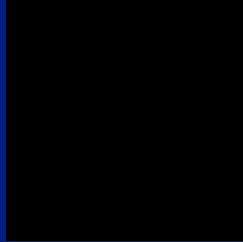
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2730, 46.2074, -27.4264

Background



This preview shows how black text looks on a background with the YUV color 34.2730, 46.2074, -27.4264.



This preview shows how white text looks on a background with the YUV color 34.2730, 46.2074, -27.4264.

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

34.2730, 46.2074, -27.4264

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

37.2960, 21.0531, -32.7086



Tritanopia

36.0930, 8.8282, -31.6536

Trichromacy



Original Color

34.2730, 46.2074, -27.4264

Protanomaly

35.8630, 34.5775, -30.5749

Deuteranomaly

36.0110, 30.0676, -30.7046

Tritanomaly

35.3610, 22.5000, -30.1346

Monochromacy



Original Color

34.2730, 46.2074, -27.4264

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0000, 16.7620, -9.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2730, 46.2074, -27.4264 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(3, 32, 128)` looks like.

```
.text, #text, p{  
    color:rgb(3, 32, 128)  
}
```

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(3, 32, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 32, 128) }
```

Border

The CSS property to change the border of an element to YUV 34.2730, 46.2074, -27.4264 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(3, 32, 128) }
```


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

```
.border{ border-color:rgb(3, 32, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 32, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 32, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 32, 128);  
box-shadow:4px 4px 4px 4px rgb(3, 32, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.2730, 46.2074, -27.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 32, 128) }
```

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

```
.background{ background-color: rgb(3, 32,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor