

Converting Colors

YUV(32.3730, 0.8021, -24.0061)

Have a look what the booklet for
YUV(32.3730, 0.8021, -24.0061)
contains.

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Color

**YUV(32.3730, 0.8021,
-24.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	052E22
RGB	5, 46, 34
RGB Percent	2%, 18%, 13%
CMY	0.9804, 0.8196, 0.8667
CMYK	0.89, 0.00, 0.26, 0.82
HSL	162°, 80%, 10%
HSV	162°, 89%, 18%
XYZ	1.3283, 2.1017, 1.8490
YIQ	32.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

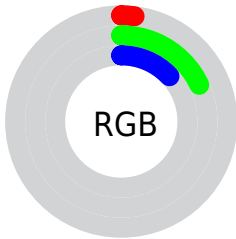
Format	Color
R _Y B	5, 29, 46
Decimal	339490
CIE Lab	16.01, -17.55, 3.79
CIE LCh	16, 17.952, 167.824
Yxy	2.1017, 0.2516, 0.3981
Android (android.graphics.Color)	4278529570 (0xFF052E22)
YUV	32.3730, 0.8021, -24.0061
Hunter-Lab	14.4974, -9.0155, 2.5862

Details

The YUV color **32.3730, 0.8021, -24.0061** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.6270, -0.8021, 24.0061**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7430, -0.3663, -22.5766**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.7640, 1.1023, -26.9800**, and if you desaturate by 10%, it is **33.9820, 0.5019, -21.0322**.

Distribution



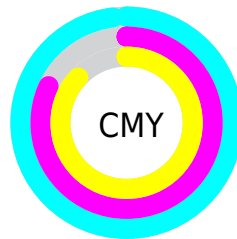
- Red (2%)
- Green (18%)
- Blue (13%)



- Red (2%)
- Yellow (11%)
- Blue (18%)



- Cyan (89%)
- Magenta (0%)
- Yellow (26%)
- Black (82%)



- Cyan (98%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.3730, 0.8021, -24.0061 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 32.3730, 0.8021, -24.0061 by changing the saturation by 10% instead.

■ 32.3730, 0.8021,
-24.0061

■ 32.3730, 0.8021,
-24.0061

■ 249.6180, 2.6533,
-11.0660

■ 17.2170, -2.5720,
-15.0993

■ 78.7430, -0.3663,
-22.5766

■ 0.0000, 0.0000,
0.0000

■ 103.3300, -0.6557,
-23.0914

■ 128.9170, -0.9451,
-23.6062

■ 154.9170, -0.9451,
-23.6062

■ 182.2050, -1.0871,
-24.7358

■ 209.7920, -1.3765,

-25.2506

■ 237.9060, -0.9397,
-25.3506

■ 32.3730, 0.8021,
-24.0061

■ 32.3730, 0.8021,
-24.0061

■ 30.7640, 1.1023,
-26.9800

■ 33.9820, 0.5019,
-21.0322

■ 35.4060, 0.7858,
-18.7731

■ 37.0150, 0.4856,
-15.7992

■ 38.3250, 0.3328,
-13.4400

■ 40.0480, 0.4693,
-10.5661

■ 41.6570, 0.1691,
-7.5922

■ 42.9670, 0.0163,
-5.2331

■ 44.6900, 0.1528,
-2.3591

■ 46.0000, 0.0000,
0.0000

Harmonies

Analogous

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



35.8110, -6.8088, -9.4812



32.3730, 0.8021, -24.0061



32.3600, 7.2175, -28.3797

Triad

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



32.3730, 0.8021, -24.0061



39.4690, 12.0938, -5.6733



40.0040, -9.3690, 18.4135

Complementary

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



32.3730, 0.8021, -24.0061



18.6270, -0.8021, 24.0061

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.



40.5080, -3.7014, 20.6025



32.3730, 0.8021, -24.0061



41.4060, 7.6878, 7.5369

Square

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



32.3730, 0.8021, -24.0061



33.8470, 15.3584, -26.1758



41.0930, 2.4192, 17.4584



38.8630, -12.2575, 11.5211

Rectangle

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



32.3730, 0.8021, -24.0061



33.2720, 10.7119, -29.1795



41.0930, 2.4192, 17.4584



39.5850, -7.1904, 19.6580

Sweetspot

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



32.3730, 0.8021, -24.0061



53.6460, 0.1745, -9.3365



32.6550, -13.6339, -13.7294



27.6680, 0.1637, -5.8478



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

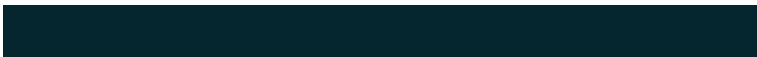
The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.3730, 0.8021, -24.0061



39.3070, 0.8346, -34.4722



29.0450, 8.3588, -21.0875



22.2880, -0.1420, -1.1296



58.0230, 1.4677, -50.8862



142.9460, 4.4636, -125.3636

Inverse Universe

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



18.6270, -0.8021, 24.0061



19.5790, -1.2714, 34.5722



21.9550, -8.3588, 21.0875



21.5980, -0.2948, 1.2296



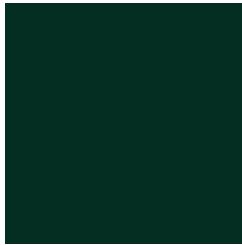
28.8630, -1.9045, 50.9861



71.1680, -4.0268, 125.2637

Previews

White Background



This preview shows how the YUV color 32.3730, 0.8021, -24.0061 looks on a white background.

Color Contrast Check

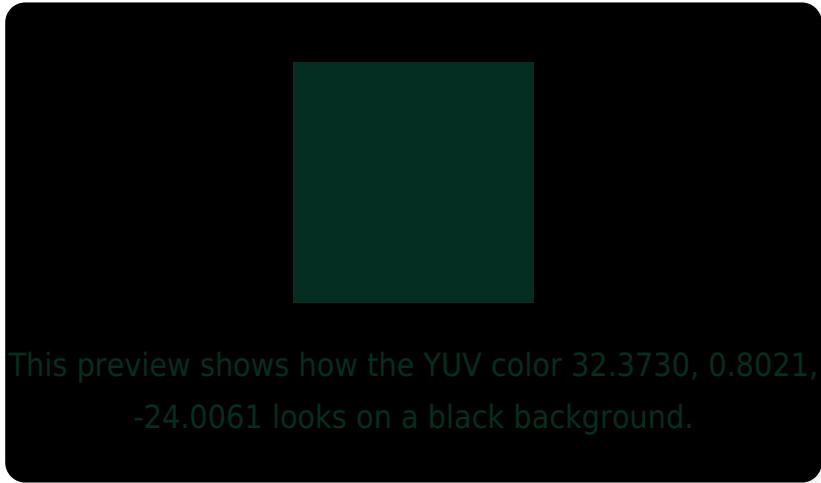
Large Text (above 18pt) WCAG AA ✓ Pass

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

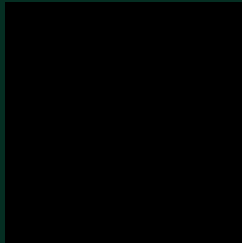
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.3730, 0.8021, -24.0061

Background



This preview shows how black text looks on a background with the YUV color 32.3730, 0.8021, -24.0061.



This preview shows how white text looks on a background with the YUV color 32.3730, 0.8021, -24.0061.

-24.0061.

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

32.3730, 0.8021, -24.0061

Protanopia

39.8710, -4.3734, 2.7441

Deuteranopia

40.7510, -2.3422, 4.6034



Tritanopia

36.0840, 5.8746, -17.6137

Trichromacy



Original Color

32.3730, 0.8021, -24.0061

Protanomaly

36.9730, -2.4517, -6.9923

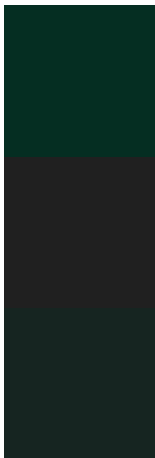
Deuteranomaly

37.9130, -1.4361, -6.0627

Tritanomaly

34.9050, 3.9908, -20.0877

Monochromacy



Original Color

32.3730, 0.8021, -24.0061

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.3730, 0.8021, -24.0061 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(5, 46, 34)` looks like.

```
.text, #text, p{  
    color:rgb(5, 46, 34)  
}
```

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(5, 46, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 46, 34) }
```

Border

The CSS property to change the border of an element to YUV 32.3730, 0.8021, -24.0061 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(5, 46, 34) }
```


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

```
.border{ border-color:rgb(5, 46, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 46, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 46, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 46, 34); box-shadow:4px  
4px 4px 4px rgb(5, 46, 34) }
```

Background

The CSS property to change the background color of an element to YUV 32.3730, 0.8021, -24.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 46, 34) }
```

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

```
.background{ background-color: rgb(5, 46,  
34) }
```

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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