

Converting Colors

YUV(32.9530, 24.6732,
-27.1458)

Have a look what the booklet for
YUV(32.9530, 24.6732, -27.1458)
contains.

YUV(32.9530, 24.6732, -27.1458)	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(32.9530, 24.6732,
-27.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	022753
RGB	2, 39, 83
RGB Percent	1%, 15%, 33%
CMY	0.9922, 0.8471, 0.6745
CMYK	0.98, 0.53, 0.00, 0.67
HSL	213°, 95%, 17%
HSV	213°, 98%, 33%
XYZ	2.3119, 2.0885, 8.4649
YIQ	32.9530, -36.1760, 5.8400

Conversions

Conversions Part 2

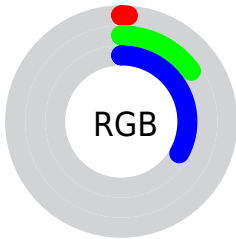
Format	Color
R _Y B	2, 27, 83
Decimal	141139
CIE Lab	15.94, 7.18, -30.28
CIE LCh	16, 31.121, 283.333
Yxy	2.0885, 0.1797, 0.1623
Android (android.graphics.Color)	4278331219 (0xFF022753)
YUV	32.9530, 24.6732, -27.1458
Hunter-Lab	14.4516, 3.2653, -24.6125

Details

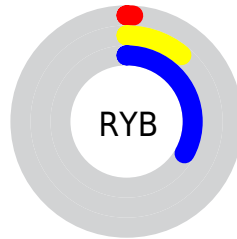
The YUV color **32.9530, 24.6732, -27.1458** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **52.0470, -24.6732, 27.1458**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7200, 24.7880, -17.2944**, and **5.5060, 16.0195, -4.8288** is the 20% darker color. If you saturate the color by 10%, you get **31.7680, 25.2574, -27.8605**, and if you desaturate by 10%, it is **38.2800, 22.0470, -24.8016**.

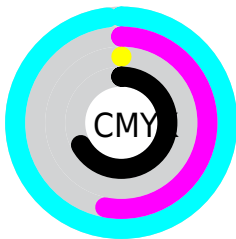
Distribution



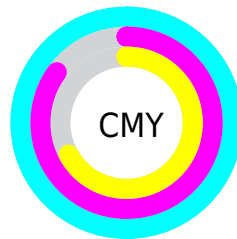
- Red (1%)
- Green (15%)
- Blue (33%)



- Red (1%)
- Yellow (11%)
- Blue (33%)



- Cyan (98%)
- Magenta (53%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.9530, 24.6732, -27.1458 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 32.9530, 24.6732, -27.1458 by changing the saturation by 10% instead.

■ 32.9530, 24.6732,
-27.1458

■ 32.9530, 24.6732,
-27.1458

■ 255.0000, 0.0000,
0.0000

■ 17.9930, 20.7095,
-15.7799

■ 82.7200, 24.7880,
-17.2944

■ 5.5060, 16.0195,
-4.8288

■ 107.5460, 25.3668,
-16.2648

■ 2.1830, 5.8258,
-1.9145

■ 133.6600, 25.8036,
-16.3648

■ 0.0000, 0.0000,
0.0000

■ 160.1870, 26.5298,
-15.9500

■ 187.4150, 27.4034,
-16.1500

■ 213.0040, 20.7040,

-14.0355

■ 237.8120, 8.4737,
-11.2361

■ 32.9530, 24.6732,
-27.1458

■ 32.9530, 24.6732,
-27.1458

■ 31.7680, 25.2574,
-27.8605

■ 38.2800, 22.0470,
-24.8016

■ 43.3190, 19.5627,
-21.3278

■ 48.6460, 16.9365,
-18.9835

■ 53.3860, 14.5997,
-16.1245

■ 59.0120, 11.8261,
-13.1655

■ 63.7520, 9.4893,
-10.3065

■ 69.0790, 6.8631,
-7.9623

■ 73.8190, 4.5262,
-5.1033

■ 79.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



36.3500, 22.5054, -31.8789



32.9530, 24.6732, -27.1458



41.0780, 15.2445, 10.4556

Triad

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



32.9530, 24.6732, -27.1458



36.7130, -14.6485, 31.8237



31.7270, -2.8234, -27.8246

Complementary

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



32.9530, 24.6732, -27.1458



52.0470, -24.6732, 27.1458

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.



31.7860, -15.6705, -13.8443



32.9530, 24.6732, -27.1458



37.8980, -18.6837, 19.3835

Square

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



32.9530, 24.6732, -27.1458



35.9600, -2.4453, 37.7461



37.2120, -18.3455, 4.1991



34.9360, 6.9336, -30.6389

Rectangle

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



32.9530, 24.6732, -27.1458



39.4990, 10.1070, 24.9954



37.2120, -18.3455, 4.1991



30.3420, -5.5916, -26.6099

Sweetspot

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



32.9530, 24.6732, -27.1458



87.7520, 9.4893, -10.3065



54.4490, -4.6584, -45.9978



41.8620, 5.9840, -6.0180



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



32.9530, 24.6732, -27.1458



40.9610, 32.5572, -35.9228



12.1310, 34.9384, -6.2539



38.6300, 1.1684, -1.4295



40.1460, 31.9730, -35.2080



88.6700, 70.6617, -77.7636

Inverse Universe

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



30.4370, 4.2216, 46.0978



37.5790, 5.6306, 60.8822



72.8690, -34.9384, 6.2539



38.4240, 0.2840, 2.2592



36.8670, 5.4886, 59.7526



81.4520, 12.1022, 132.0306

Previews

White Background



This preview shows how the YUV color 32.9530, 24.6732, -27.1458 looks on a white background.

Color Contrast Check

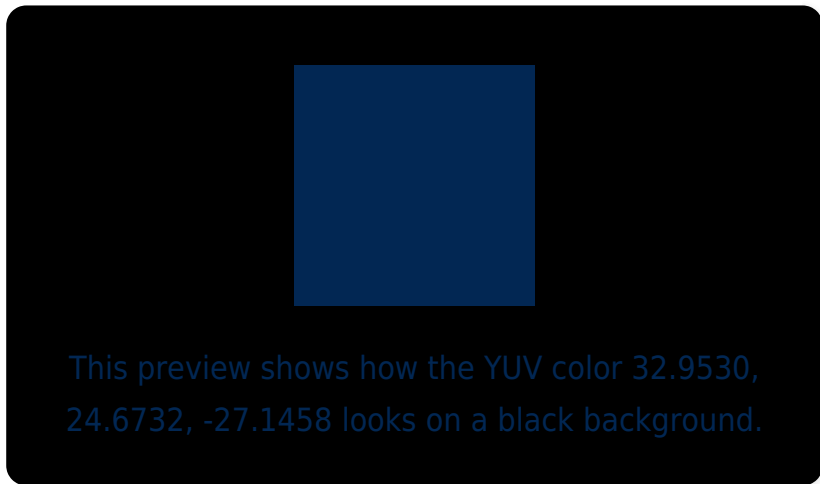
Large Text (above 18pt) WCAG AA ✓ Pass

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

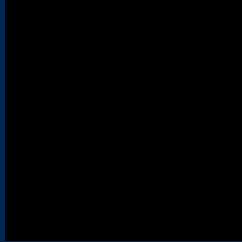
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.9530, 24.6732, -27.1458

Background



This preview shows how black text looks on a background with the YUV color 32.9530, 24.6732, -27.1458.



This preview shows how white text looks on a background with the YUV color 32.9530, 24.6732,

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

32.9530, 24.6732, -27.1458

Protanopia

33.2520, 24.5258, -26.5310

Deuteranopia

32.8620, 19.2950, -28.8200



Tritanopia

31.8870, 7.9437, -27.9649

Trichromacy



Original Color

32.9530, 24.6732, -27.1458

Protanomaly

33.2520, 24.5258, -26.5310

Deuteranomaly

33.0300, 21.1842, -28.0903

Tritanomaly

32.4940, 14.0535, -27.6202

Monochromacy



Original Color

32.9530, 24.6732, -27.1458

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.9530, 24.6732, -27.1458 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(2, 39, 83)` looks like.

```
.text, #text, p{  
    color:rgb(2, 39, 83)  
}
```

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(2, 39, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 39, 83) }
```

Border

The CSS property to change the border of an element to YUV 32.9530, 24.6732, -27.1458 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(2, 39, 83) }
```


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

```
.border{ border-color:rgb(2, 39, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 39, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 39, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 39, 83); box-shadow:4px  
4px 4px 4px rgb(2, 39, 83) }
```

Background

The CSS property to change the background color of an element to YUV 32.9530, 24.6732, -27.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 39, 83) }
```

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

```
.background{ background-color: rgb(2, 39,  
83) }
```

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