

Converting Colors

YUV(36.4730, 32.7978,
-19.7088)

Have a look what the booklet for
YUV(36.4730, 32.7978, -19.7088)
contains.

YUV(36.4730, 32.7978, -19.7088)	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(36.4730, 32.7978,
-19.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2367
RGB	14, 35, 103
RGB Percent	5%, 14%, 40%
CMY	0.9451, 0.8627, 0.5961
CMYK	0.86, 0.66, 0.00, 0.60
HSL	226°, 76%, 23%
HSV	226°, 86%, 40%
XYZ	3.2303, 2.2747, 13.1008
YIQ	36.4730, -34.3440, 16.6960

Conversions

Conversions Part 2

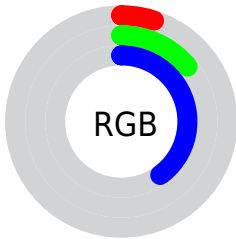
Format	Color
R _Y B	14, 31, 103
Decimal	926567
CIE Lab	16.87, 20.29, -42.07
CIE LCh	17, 46.705, 295.748
Yxy	2.2747, 0.1736, 0.1223
Android (android.graphics.Color)	4279116647 (0xFF0E2367)
YUV	36.4730, 32.7978, -19.7088
Hunter-Lab	15.0821, 11.8378, -40.9436

Details

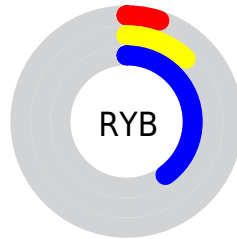
The YUV color **36.4730, 32.7978, -19.7088** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.5270, -32.7978, 19.7088**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4680, 33.7863, -10.0574**, and **6.2700, 24.0239, -5.4988** is the 20% darker color. If you saturate the color by 10%, you get **28.7870, 36.5870, -21.7382**, and if you desaturate by 10%, it is **44.1590, 29.0086, -17.6794**.

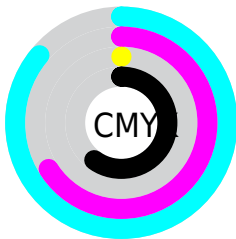
Distribution



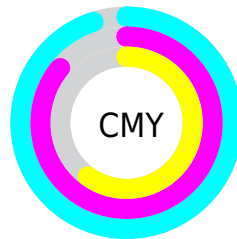
- Red (5%)
- Green (14%)
- Blue (40%)



- Red (5%)
- Yellow (12%)
- Blue (40%)



- Cyan (86%)
- Magenta (66%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.4730, 32.7978, -19.7088 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 36.4730, 32.7978, -19.7088 by changing the saturation by 10% instead.

■ 36.4730, 32.7978,
-19.7088

■ 36.4730, 32.7978,
-19.7088

■ 255.0000, 0.0000,
0.0000

■ 17.6970, 29.7294,
-15.5203

■ 86.4680, 33.7863,
-10.0574

■ 6.2700, 24.0239,
-5.4988

■ 111.7070, 34.6544,
-8.5130

■ 4.9360, 13.8356,
-4.3289

■ 137.6470, 35.6700,
-7.5834

■ 0.5700, 2.1840,
-0.4999

■ 164.4730, 36.2488,
-6.5538

■ 0.0000, 0.0000,
0.0000

■ 190.6320, 31.7334,
-4.9393

■ 214.8530, 19.7925,

-1.6251

■ 240.5470, 7.1253,
1.2743

■ 36.4730, 32.7978,
-19.7088

■ 36.4730, 32.7978,
-19.7088

■ 28.7870, 36.5870,
-21.7382

■ 44.1590, 29.0086,
-17.6794

■ 25.8300, 38.0448,
-22.6529

■ 52.1440, 25.0720,
-15.0353

■ 59.8300, 21.2828,
-13.0059

■ 66.9290, 17.7830,
-10.4617

■ 74.9140, 13.8464,
-7.8176

■ 82.6000, 10.0572,
-5.7882

■ 90.2860, 6.2680,
-3.7588

■ 97.9720, 2.4788,
-1.7294

■ 105.9570, -1.4578,
0.9147

Harmonies

Analogous

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



40.7160, 34.1570, -35.7079



36.4730, 32.7978, -19.7088



36.8280, 21.2838, 33.4768

Triad

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



36.4730, 32.7978, -19.7088



37.1330, -18.3066, 38.4714



35.8020, 0.0976, -31.3984

Complementary

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



36.4730, 32.7978, -19.7088



80.5270, -32.7978, 19.7088

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.



30.5240, -15.0483, -26.7695



36.4730, 32.7978, -19.7088



39.9360, -19.6884, 14.9651

Square

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



36.4730, 32.7978, -19.7088



30.0010, -7.8885, 57.0041



35.3520, -17.4285, -9.9557



40.2650, 14.6594, -35.3124

Rectangle

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



36.4730, 32.7978, -19.7088



33.9350, 12.3570, 50.0460



35.3520, -17.4285, -9.9557



34.4340, -5.1440, -30.1986

Sweetspot

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



36.4730, 32.7978, -19.7088



108.6860, 12.9728, -7.6176



73.8810, 3.5097, -52.5156



53.3290, 7.7258, -4.6735



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



36.4730, 32.7978, -19.7088



34.1740, 49.7072, -29.9706



30.7240, 35.6321, 4.6271



47.1570, 1.8946, -1.0147



28.9590, 42.4182, -25.3970



61.0470, 89.2098, -53.5382

Inverse Universe

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



43.0050, -3.9465, 52.6156



44.0130, -5.9224, 79.7956



86.2760, -35.6321, -4.6271



47.6090, -0.3002, 2.9739



37.4630, -5.1583, 67.9999



78.8560, -10.7750, 143.0773

Previews

White Background



This preview shows how the YUV color 36.4730, 32.7978, -19.7088 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 36.4730, 32.7978, -19.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

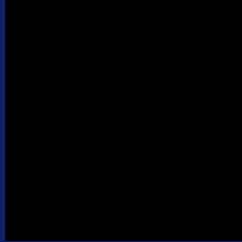
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.4730, 32.7978, -19.7088

Background



This preview shows how black text looks on a background with the YUV color 36.4730, 32.7978, -19.7088.



This preview shows how white text looks on a background with the YUV color 36.4730, 32.7978,

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

36.4730, 32.7978, -19.7088

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

33.5630, 19.4424, -29.4348



Tritanopia

33.2890, 8.2385, -29.1945

Trichromacy



Original Color

36.4730, 32.7978, -19.7088

Protanomaly

34.8760, 28.1621, -26.2013

Deuteranomaly

34.5510, 24.3784, -25.9162

Tritanomaly

34.6020, 16.9582, -25.9610

Monochromacy



Original Color

36.4730, 32.7978, -19.7088

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.3440, 11.6624, -7.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.4730, 32.7978, -19.7088 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(14, 35, 103)` looks like.

```
.text, #text, p{  
    color:rgb(14, 35, 103)  
}
```

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(14, 35, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 35, 103) }
```

Border

The CSS property to change the border of an element to YUV 36.4730, 32.7978, -19.7088 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(14, 35, 103) }
```


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

```
.border{ border-color:rgb(14, 35, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 35, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 35, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 35, 103);  
box-shadow:4px 4px 4px 4px rgb(14, 35,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 36.4730, 32.7978, -19.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 35, 103) }
```

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

```
.background{ background-color: rgb(14, 35,  
103) }
```

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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