

# Converting Colors

YUV(34.2720, 10.7119,  
-29.1795)

Have a look what the booklet for  
YUV(34.2720, 10.7119, -29.1795)  
contains.

<b>YUV(34.2720, 10.7119, -29.1795)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(34.2720, 10.7119,  
-29.1795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	012F38
RGB	1, 47, 56
RGB Percent	0%, 18%, 22%
CMY	0.9961, 0.8157, 0.7804
CMYK	0.98, 0.16, 0.00, 0.78
HSL	190°, 96%, 11%
HSV	190°, 98%, 22%
XYZ	1.7428, 2.3250, 4.0983
YIQ	34.2720, -30.3050, -6.9530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 26, 56
Decimal	77624
CIE <sub>Lab</sub>	17.11, -10.86, -9.94
CIE <sub>LCh</sub>	17, 14.723, 222.483
Yxy	2.3250, 0.2134, 0.2847
Android (android.graphics.Color)	4278267704 (0xFF012F38)
YUV	34.2720, 10.7119, -29.1795
Hunter-Lab	15.2480, -6.2814, -5.2622

# Details

The YUV color **34.2720, 10.7119, -29.1795** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.7280, -10.7119, 29.1795**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4790, 10.1169, -24.9761**, and **1.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **33.9730, 10.8593, -29.7943**, and if you desaturate by 10%, it is **36.6530, 9.5381, -26.0057**.

# Distribution



- Red (0%)
- Green (18%)
- Blue (22%)



- Red (0%)
- Yellow (10%)
- Blue (22%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (82%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 34.2720, 10.7119, -29.1795 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 34.2720, 10.7119, -29.1795 by changing the saturation by 10% instead.



■ 34.2720, 10.7119,  
-29.1795

■ 34.2720, 10.7119,  
-29.1795

■ 250.8140, 2.0637,  
-8.6069

■ 19.8390, 7.4744,  
-17.3988

■ 82.4790, 10.1169,  
-24.9761

■ 1.3680, 5.2416,  
-1.1997

■ 107.4790, 10.1169,  
-24.9761

■ 0.0000, 0.0000,  
0.0000

■ 132.5930, 10.5537,  
-25.0761

■ 159.2940, 10.7011,  
-25.6908

■ 186.2940, 10.7011,  
-25.6908

■ 214.1090, 11.2853,

-26.4056

■ 241.5560, 6.6279,  
-25.9206

■ 34.2720, 10.7119,  
-29.1795

■ 34.2720, 10.7119,  
-29.1795

■ 33.9730, 10.8593,  
-29.7943

■ 36.6530, 9.5381,  
-26.0057

■ 38.7350, 8.5116,  
-23.4466

■ 41.1160, 7.3378,  
-20.2727

■ 43.1980, 6.3114,  
-17.7136

■ 45.5790, 5.1376,  
-14.5398

■ 47.3730, 4.2531,  
-10.8511

■ 49.4550, 3.2267,  
-8.2920

■ 51.8360, 2.0529,  
-5.1182

■ 53.9180, 1.0264,  
-2.5591

# Harmonies

## Analogous

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



34.9150, 5.4649, -26.2355



34.2720, 10.7119, -29.1795



38.2670, 11.7004, -19.5282

# Triad

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



34.2720, 10.7119, -29.1795



43.7720, 2.5774, 13.3550



41.0900, -9.9044, 3.4291

# Complementary

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



34.2720, 10.7119, -29.1795



22.7280, -10.7119, 29.1795

# 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.



41.5470, -9.6367, 10.9213



34.2720, 10.7119, -29.1795



43.1270, -2.5276, 17.4286

# Square

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



34.2720, 10.7119, -29.1795



43.5690, 7.1145, 4.7630



42.5630, -7.1796, 16.1692



39.8330, -6.8197, -5.9925



# Rectangle

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



34.2720, 10.7119, -29.1795



40.7950, 10.9471, -11.2212



42.5630, -7.1796, 16.1692



41.4000, -10.0572, 5.7882

# Sweetspot

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



34.2720, 10.7119, -29.1795



65.3730, 4.2531, -10.8511



34.1970, -12.4221, -29.1138



32.9390, 2.4951, -6.9625



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000



# Same Dimension

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



34.2720, 10.7119, -29.1795



44.8300, 14.3808, -39.3159



18.4230, 18.5255, -15.2800



27.1030, 0.4422, -1.8443



55.6870, 17.9023, -48.8375



132.3870, 42.7002, -116.1034



# Inverse Universe

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



22.6890, 11.9853, 29.2137



29.1940, 16.1734, 39.2949



38.5770, -18.5255, 15.2800



26.2390, 0.8682, 1.5444



36.2860, 20.0720, 48.8612



86.3430, 47.6519, 116.3402



# Previews

## White Background



This preview shows how the YUV color 34.2720, 10.7119, -29.1795 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

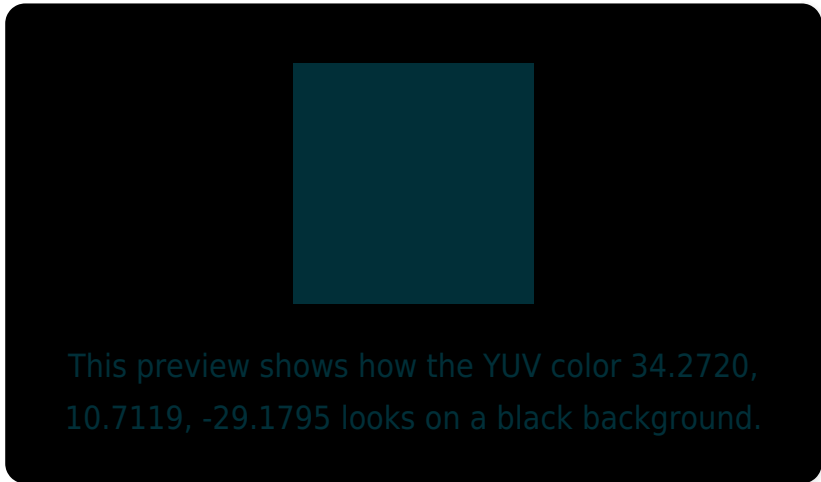
Any Text WCAG AA ✓ Pass

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

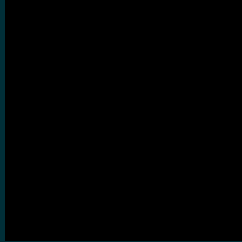
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

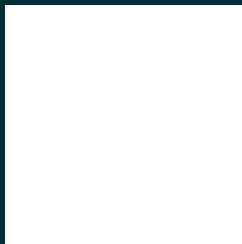
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 34.2720, 10.7119, -29.1795

## Background



This preview shows how black text looks on a background with the YUV color 34.2720, 10.7119, -29.1795.



This preview shows how white text looks on a background with the YUV color 34.2720, 10.7119,

-29.1795.

# 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

34.2720, 10.7119, -29.1795

### Protanopia

42.6560, 5.0996, -2.3293

### Deuteranopia

42.8130, 6.9942, -3.3440



## Tritanopia

33.9900, 8.3859, -29.8092

# Trichromacy



## Original Color

34.2720, 10.7119, -29.1795

## Protanomaly

39.7580, 7.0213, -12.0658

## Deuteranomaly

39.8010, 8.4791, -12.9805

## Tritanomaly

34.2180, 9.2595, -30.0092

# Monochromacy



## Original Color

34.2720, 10.7119, -29.1795

## Achromatopsia

34.0000, 0.0000, 0.0000

## Achromatomaly

34.2590, 3.8163, -10.7511

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 34.2720, 10.7119, -29.1795 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(1, 47, 56)` looks like.

```
.text, #text, p{  
    color:rgb(1, 47, 56)  
}
```

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(1, 47, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 47, 56) }
```

## Border

The CSS property to change the border of an element to YUV 34.2720, 10.7119, -29.1795 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(1, 47, 56) }
```



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

```
.border{ border-color:rgb(1, 47, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 47, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 47, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 47, 56); box-shadow:4px  
4px 4px 4px rgb(1, 47, 56) }
```

# Background

The CSS property to change the background color of an element to YUV 34.2720, 10.7119, -29.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 47, 56) }
```

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

```
.background{ background-color: rgb(1, 47,  
56) }
```

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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