

Converting Colors

YUV(34.2970, 6.2626, -2.0145)

Have a look what the booklet for
YUV(34.2970, 6.2626, -2.0145)
contains.

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Color

**YUV(34.2970, 6.2626,
-2.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	20212F
RGB	32, 33, 47
RGB Percent	13%, 13%, 18%
CMY	0.8745, 0.8706, 0.8157
CMYK	0.32, 0.30, 0.00, 0.82
HSL	236°, 19%, 15%
HSV	236°, 32%, 18%
XYZ	1.6526, 1.6000, 2.9111
YIQ	34.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

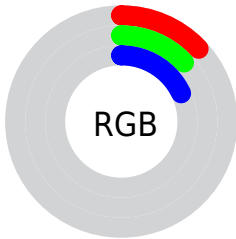
Format	Color
R_{YB}	32, 33, 47
Decimal	2105647
CIE Lab	13.23, 3.54, -9.41
CIE LCh	13, 10.051, 290.625
Yxy	1.6000, 0.2681, 0.2596
Android (android.graphics.Color)	4280295727 (0xFF20212F)
YUV	34.2970, 6.2626, -2.0145
Hunter-Lab	12.6492, 1.1848, -4.7904

Details

The YUV color **34.2970, 6.2626, -2.0145** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.7030, -6.2626, 2.0145**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.5250, 7.1362, -2.2144**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.4540, 8.1572, -3.0292**, and if you desaturate by 10%, it is **38.1400, 4.3680, -0.9998**.

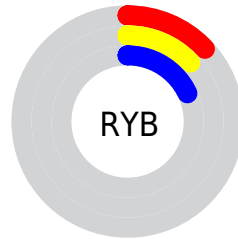
Distribution



Red (13%)

Green (13%)

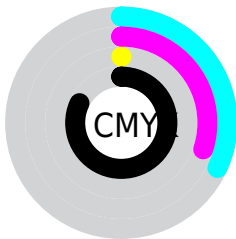
Blue (18%)



Red (13%)

Yellow (13%)

Blue (18%)

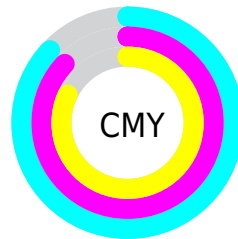


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.2970, 6.2626, -2.0145 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 34.2970, 6.2626, -2.0145 by changing the saturation by 10% instead.

■ 34.2970, 6.2626,
-2.0145

■ 34.2970, 6.2626,
-2.0145

■ 255.0000, 0.0000,
0.0000

■ 11.8240, 6.9888,
-1.5996

■ 78.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 102.6390, 7.5730,
-2.3144

■ 127.6390, 7.5730,
-2.3144

■ 153.7530, 8.0098,
-2.4144

■ 180.1660, 8.2992,
-1.8996

■ 208.1660, 8.2992,

-1.8996

236.2800, 8.7360,
-1.9996

34.2970, 6.2626,
-2.0145

34.2970, 6.2626,
-2.0145

30.4540, 8.1572,
-3.0292

38.1400, 4.3680,
-0.9998

26.3230, 10.1938,
-2.9143

42.2710, 2.3314,
-1.1147

22.4800, 12.0884,
-3.9290

46.1140, 0.4368,
-0.1000

18.0500, 14.2723,
-4.4289

50.5440, -1.7472,
0.3999

14.5060, 16.0195,
-4.8288

54.0880, -3.4944,
0.7998

■ 10.6630, 17.9141,
-5.8435

■ 57.9310, -5.3890,
1.8145

■ 7.1190, 19.6613,
-6.2434

■ 62.3610, -7.5730,
2.3144

■ 66.2040, -9.4676,
3.3291

■ 69.7480, -11.2148,
3.7290

Harmonies

Analogous

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



32.5950, 7.5947, -9.2918



34.2970, 6.2626, -2.0145



35.3580, 3.7675, 4.9480

Triad

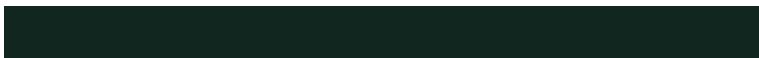
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2970, 6.2626, -2.0145



34.6870, -5.2687, 9.9215



31.3360, 0.3274, -11.6957

Complementary

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



34.2970, 6.2626, -2.0145



44.7030, -6.2626, 2.0145

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.



32.3430, -3.6201, -5.5628



34.2970, 6.2626, -2.0145



33.9100, -6.8576, 6.2179

Square

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



34.2970, 6.2626, -2.0145



34.6810, -2.8007, 11.6808



33.1050, -5.9678, 0.7849



30.3400, 4.2694, -16.0842

Rectangle

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



34.2970, 6.2626, -2.0145



34.9240, 2.0095, 8.8367



33.1050, -5.9678, 0.7849



31.8910, -1.4253, -9.5514

Sweetspot

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



34.2970, 6.2626, -2.0145



55.6840, 2.6208, -0.5999



42.4010, 1.7743, -9.1217



27.4560, 1.7472, -0.3999



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.



34.2970, 6.2626, -2.0145



41.2090, 9.7570, -2.8143



35.8030, 5.5201, 2.8038



21.2280, 0.8736, -0.2000



13.4400, 36.2651, -11.7869



32.6140, 89.4233, -28.6025

Inverse Universe

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



36.5990, -1.7743, 9.1217



44.9910, -2.9536, 14.0399



43.4960, -5.6675, -2.1890



21.5980, -0.2948, 1.2296



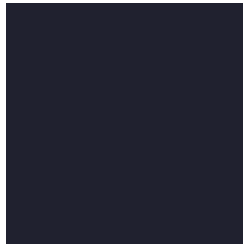
26.6970, -10.2036, 52.8857



65.5820, -25.4299, 130.1626

Previews

White Background



This preview shows how the YUV color 34.2970, 6.2626, -2.0145 looks on a white background.

Color Contrast Check

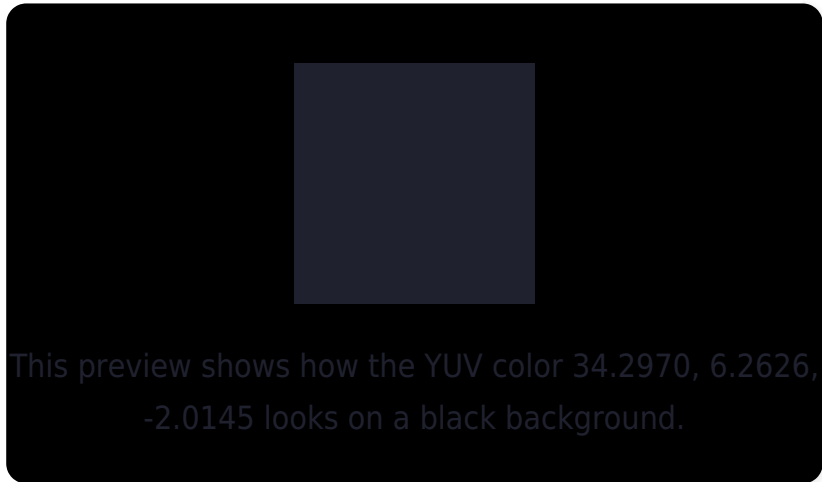
Large Text (above 18pt) WCAG AA ✓ Pass

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

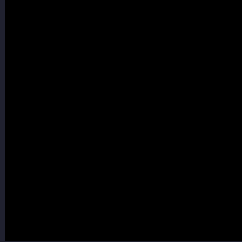
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2970, 6.2626, -2.0145

Background



This preview shows how black text looks on a background with the YUV color 34.2970, 6.2626, -2.0145.



This preview shows how white text looks on a background with the YUV color 34.2970, 6.2626, -2.0145.

-2.0145.

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

34.2970, 6.2626, -2.0145

Protanopia

34.2860, 6.2680, -3.7588

Deuteranopia

34.2860, 6.2680, -3.7588



Tritanopia

33.8470, 2.0474, -3.3738

Trichromacy



Original Color

34.2970, 6.2626, -2.0145

Protanomaly

34.5850, 6.1206, -3.1440

Deuteranomaly

34.5850, 6.1206, -3.1440

Tritanomaly

33.9010, 3.4998, -2.5442

Monochromacy



Original Color

34.2970, 6.2626, -2.0145

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2970, 6.2626, -2.0145 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(32, 33, 47)` looks like.

```
.text, #text, p{  
    color:rgb(32, 33, 47)  
}
```

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(32, 33, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 33, 47) }
```

Border

The CSS property to change the border of an element to YUV 34.2970, 6.2626, -2.0145 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(32, 33, 47) }
```


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

```
.border{ border-color:rgb(32, 33, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 33, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 33, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 33, 47);  
box-shadow:4px 4px 4px 4px rgb(32, 33, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.2970, 6.2626, -2.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 33, 47) }
```

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

```
.background{ background-color: rgb(32, 33,  
47) }
```

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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