

Converting Colors

YUV(34.2020, -3.0576, 0.6998)

Have a look what the booklet for
YUV(34.2020, -3.0576, 0.6998)
contains.

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Color

**YUV(34.2020, -3.0576,
0.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	23231C
RGB	35, 35, 28
RGB Percent	14%, 14%, 11%
CMY	0.8627, 0.8627, 0.8902
CMYK	0.00, 0.00, 0.20, 0.86
HSL	60°, 11%, 12%
HSV	60°, 20%, 14%
XYZ	1.5038, 1.6432, 1.3365
YIQ	34.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

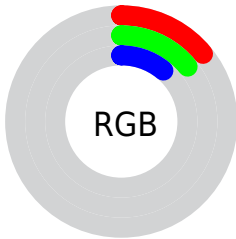
Format	Color
RYB	28, 35, 28
Decimal	2302748
CIELab	13.49, -1.60, 4.71
CIELCh	13, 4.974, 108.708
Yxy	1.6432, 0.3354, 0.3665
Android (android.graphics.Color)	4280492828 (0xFF23231C)
YUV	34.2020, -3.0576, 0.6998
Hunter-Lab	12.8188, -1.4933, 2.7915

Details

The YUV color **34.2020, -3.0576, 0.6998** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28.7980, 3.0576, -0.6998**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.0880, -3.4944, 0.7998**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.8600, -4.3680, 0.9998**, and if you desaturate by 10%, it is **34.6580, -1.3104, 0.2999**.

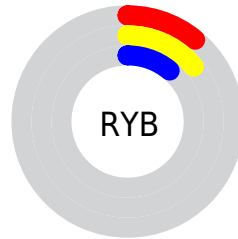
Distribution



Red (14%)

Green (14%)

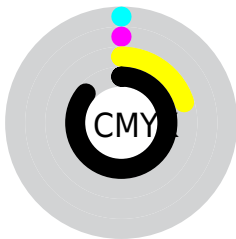
Blue (11%)



Red (11%)

Yellow (14%)

Blue (11%)

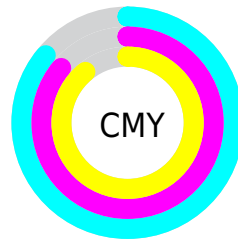


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (86%)



Cyan (86%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.2020, -3.0576, 0.6998 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 34.2020, -3.0576, 0.6998 by changing the saturation by 10% instead.

■ 34.2020, -3.0576,
0.6998

■ 34.2020, -3.0576,
0.6998

■ 255.0000, 0.0000,
0.0000

■ 11.9310, -5.3890,
1.8145

■ 78.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

■ 102.0880, -3.4944,
0.7998

■ 127.3870, -3.6418,
1.4146

■ 152.9740, -3.9312,
0.8998

■ 179.9740, -3.9312,
0.8998

■ 207.8600, -4.3680,

0.9998

■ 235.8600, -4.3680,
0.9998

■ 34.2020, -3.0576,
0.6998

■ 34.2020, -3.0576,
0.6998

■ 33.8600, -4.3680,
0.9998

■ 34.6580, -1.3104,
0.2999

■ 33.4040, -6.1152,
1.3997

■ 35.0000, 0.0000,
0.0000

■ 32.9480, -7.8624,
1.7996

■ 35.4560, 1.7472,
-0.3999

■ 32.6060, -9.1728,
2.0995

■ 35.7980, 3.0576,
-0.6998

■ 32.1500, -10.9200,
2.4995

■ 36.2540, 4.8048,
-1.0998

■ 31.8080, -12.2303,
2.7994

■ 36.5960, 6.1152,
-1.3997

■ 31.3520, -13.9775,
3.1993

■ 37.0520, 7.8624,
-1.7996

■ 31.0100, -15.2879,
3.4992

■ 37.3940, 9.1728,
-2.0995

■ 37.7360, 10.4832,
-2.3995

Harmonies

Analogous

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



34.8110, -3.3578, 3.6738



34.2020, -3.0576, 0.6998



33.8210, -1.8838, -2.4740

Triad

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



34.2020, -3.0576, 0.6998



33.4660, 3.2213, -6.5477



35.1470, 0.4205, 5.1331

Complementary

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



34.2020, -3.0576, 0.6998



28.7980, 3.0576, -0.6998

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.



35.1790, 1.8838, 2.4740



34.2020, -3.0576, 0.6998



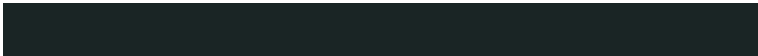
33.8900, 3.5052, -4.2885

Square

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



34.2020, -3.0576, 0.6998



33.7110, 1.6215, -6.7625



34.7980, 3.0576, -0.6998



34.9900, -1.4741, 6.1478

Rectangle

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



34.2020, -3.0576, 0.6998



33.4510, -0.7153, -3.9035



34.7980, 3.0576, -0.6998



34.9620, 1.0047, 4.4183

Sweetspot

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



34.2020, -3.0576, 0.6998



45.6580, -1.3104, 0.2999



30.0930, -1.0318, 4.3034



22.7720, -0.8736, 0.2000



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



34.2020, -3.0576, 0.6998



44.7460, -4.8048, 1.0998



33.3050, -2.6154, -1.1445



17.7720, -0.8736, 0.2000



72.6520, -35.8174, 8.1982



185.1740, -91.2908, 20.8954

Inverse Universe

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



28.7980, 3.0576, -0.6998



36.2540, 4.8048, -1.0998



29.9940, 2.4680, 1.7593



16.2280, 0.8736, -0.2000



9.3480, 35.8174, -8.1982



23.8260, 91.2908, -20.8954

Previews

White Background



This preview shows how the YUV color 34.2020, -3.0576, 0.6998 looks on a white background.

Color Contrast Check

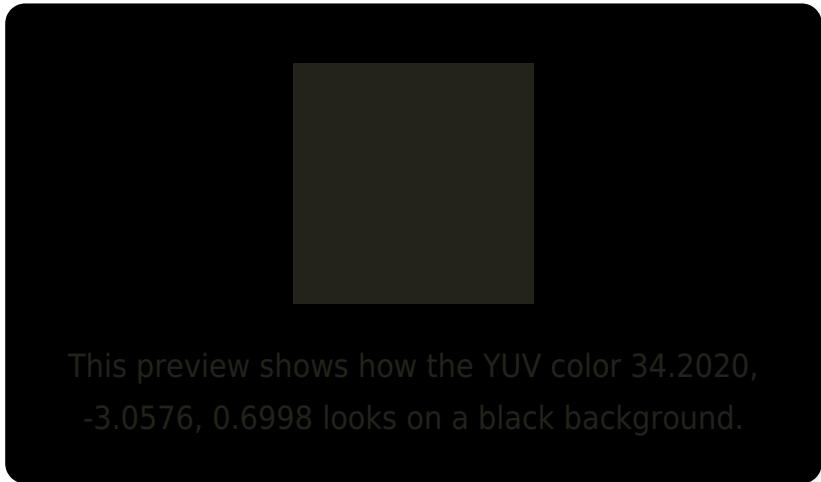
Large Text (above 18pt) WCAG AA ✓ Pass

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

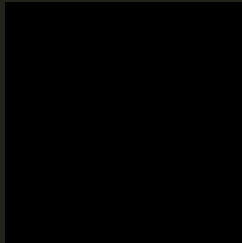
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2020, -3.0576, 0.6998

Background



This preview shows how black text looks on a background with the YUV color 34.2020, -3.0576, 0.6998.



This preview shows how white text looks on a background with the YUV color 34.2020, -3.0576,

0.6998.

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

34.2020, -3.0576, 0.6998

Protanopia

34.2130, -3.0630, 2.4442

Deuteranopia

34.5230, -3.2158, 4.8033



Tritanopia

34.8260, 0.5788, 1.0296

Trichromacy



Original Color

34.2020, -3.0576, 0.6998

Protanomaly

33.9140, -2.9156, 1.8294

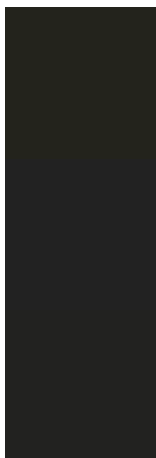
Deuteranomaly

34.5120, -3.2104, 3.0590

Tritanomaly

34.4840, -0.7316, 1.3295

Monochromacy



Original Color

34.2020, -3.0576, 0.6998

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2020, -3.0576, 0.6998 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(35, 35, 28)` looks like.

```
.text, #text, p{  
    color:rgb(35, 35, 28)  
}
```

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(35, 35, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 35, 28) }
```

Border

The CSS property to change the border of an element to YUV 34.2020, -3.0576, 0.6998 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(35, 35, 28) }
```


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

```
.border{ border-color:rgb(35, 35, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 35, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 35, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 35, 28);  
box-shadow:4px 4px 4px 4px rgb(35, 35, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.2020, -3.0576, 0.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 35, 28) }
```

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

```
.background{ background-color: rgb(35, 35,  
28) }
```

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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