

Converting Colors

YUV(32.3090, 1.3267, -5.5330)

Have a look what the booklet for
YUV(32.3090, 1.3267, -5.5330)
contains.

YUV(32.3090, 1.3267, -5.5330)	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(32.3090, 1.3267,
-5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2323
RGB	26, 35, 35
RGB Percent	10%, 14%, 14%
CMY	0.8980, 0.8627, 0.8627
CMYK	0.26, 0.00, 0.00, 0.86
HSL	180°, 15%, 12%
HSV	180°, 26%, 14%
XYZ	1.3304, 1.5430, 1.8178
YIQ	32.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

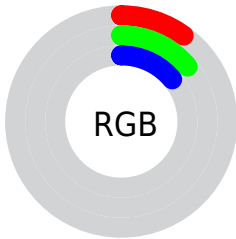
Format	Color
RYB	26, 31, 35
Decimal	1712931
CIELab	12.88, -3.98, -1.33
CIElCh	13, 4.194, 198.418
Yxy	1.5430, 0.2836, 0.3289
Android (android.graphics.Color)	4279903011 (0xFF1A2323)
YUV	32.3090, 1.3267, -5.5330
Hunter-Lab	12.4219, -2.6205, 0.0188

Details

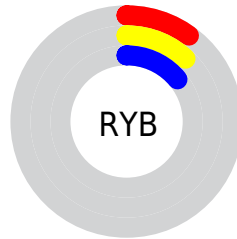
The YUV color **32.3090, 1.3267, -5.5330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28.6910, -1.3267, 5.5330**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.0100, 1.4741, -6.1478**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.4120, 1.7689, -7.3773**, and if you desaturate by 10%, it is **33.2060, 0.8844, -3.6887**.

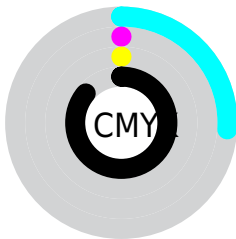
Distribution



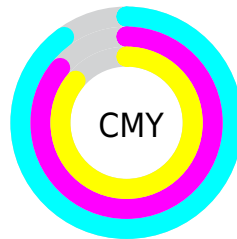
- Red (10%)
- Green (14%)
- Blue (14%)



- Red (10%)
- Yellow (12%)
- Blue (14%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (86%)



- Cyan (90%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.3090, 1.3267, -5.5330 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 32.3090, 1.3267, -5.5330 by changing the saturation by 10% instead.

■ 32.3090, 1.3267,
-5.5330

■ 32.3090, 1.3267,
-5.5330

■ 254.7010, 0.1474,
-0.6148

■ 9.1130, 1.9163,
-7.9921

■ 76.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 100.0100, 1.4741,
-6.1478

■ 125.0100, 1.4741,
-6.1478

■ 150.7110, 1.6215,
-6.7625

■ 177.7110, 1.6215,
-6.7625

■ 205.4120, 1.7689,

-7.3773

■ 233.4120, 1.7689,
-7.3773

■ 32.3090, 1.3267,
-5.5330

■ 32.3090, 1.3267,
-5.5330

■ 31.4120, 1.7689,
-7.3773

■ 33.2060, 0.8844,
-3.6887

■ 30.2160, 2.3585,
-9.8364

■ 34.4020, 0.2948,
-1.2296

■ 29.0200, 2.9481,
-12.2955

■ 35.5980, -0.2948,
1.2296

■ 28.1230, 3.3904,
-14.1399

■ 36.4950, -0.7370,
3.0739

■ 26.9270, 3.9800,
-16.5990

■ 37.6910, -1.3267,
5.5330

■ 26.0300, 4.4222,
-18.4433

■ 38.5880, -1.7689,
7.3773

■ 24.8340, 5.0118,
-20.9024

■ 39.7840, -2.3585,
9.8364

■ 24.5350, 5.1592,
-21.5172

■ 40.6810, -2.8007,
11.6808

■ 41.8770, -3.3904,
14.1399

Harmonies

Analogous

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



32.5650, -0.2785, -4.0035



32.3090, 1.3267, -5.5330



32.6510, 2.6371, -5.8329

Triad

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



32.3090, 1.3267, -5.5330



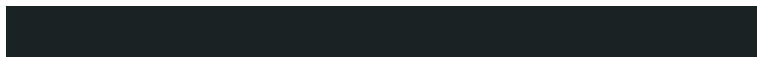
33.7660, 1.5944, 1.9592



33.6260, -2.7736, 2.9590

Complementary

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



32.3090, 1.3267, -5.5330



28.6910, -1.3267, 5.5330

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.



33.7510, -2.3422, 4.6034



32.3090, 1.3267, -5.5330



33.8480, 0.5679, 4.5183

Square

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



32.3090, 1.3267, -5.5330



33.3850, 2.7682, -1.2146



33.8050, -0.8899, 5.4330



33.3160, -2.6208, 0.5999

Rectangle

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



32.3090, 1.3267, -5.5330



32.7760, 3.0684, -4.1886



33.8050, -0.8899, 5.4330



33.3380, -2.6316, 4.0886

Sweetspot

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



32.3090, 1.3267, -5.5330



44.8040, 0.5896, -2.4591



31.2830, -2.6045, -4.6332



22.4020, 0.2948, -1.2296



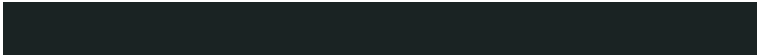
150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



32.3090, 1.3267, -5.5330



41.8140, 2.0637, -8.6069



29.9610, 2.4842, -3.4738



17.4020, 0.2948, -1.2296



57.4820, 12.0874, -50.4117



146.5090, 30.8081, -128.4884

Inverse Universe

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



29.7170, 2.6045, 4.6332



37.7820, 4.0515, 7.2072



31.6260, -2.7736, 2.9590



16.8260, 0.5788, 1.0296



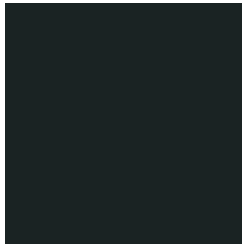
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 32.3090, 1.3267, -5.5330 looks on a white background.

Color Contrast Check

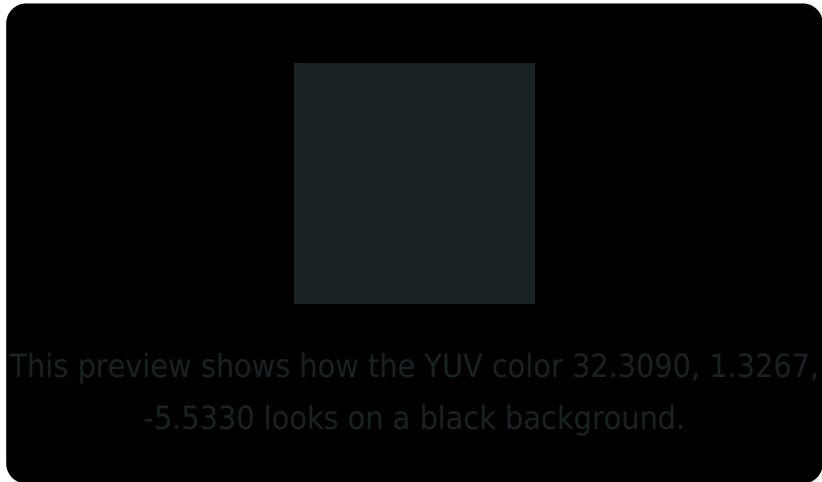
Large Text (above 18pt) WCAG AA ✓ Pass

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

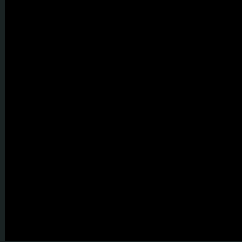
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

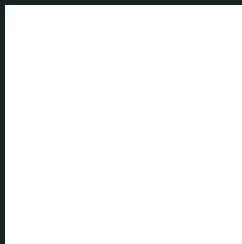
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.3090, 1.3267, -5.5330

Background



This preview shows how black text looks on a background with the YUV color 32.3090, 1.3267, -5.5330.



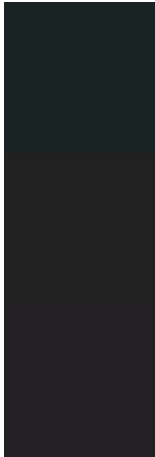
This preview shows how white text looks on a background with the YUV color 32.3090, 1.3267, -5.5330.

-5.5330.

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

32.3090, 1.3267, -5.5330

Protanopia

33.4130, 0.2894, 0.5148

Deuteranopia

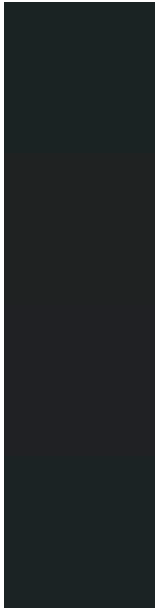
33.3530, 1.3050, 1.4444



Tritanopia

32.8360, 2.0529, -5.1182

Trichromacy



Original Color

32.3090, 1.3267, -5.5330

Protanomaly

33.1030, 0.4422, -1.8443

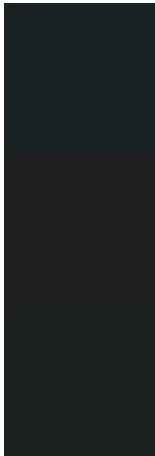
Deuteranomaly

33.0430, 1.4578, -0.9147

Tritanomaly

32.7220, 1.6161, -5.0182

Monochromacy



Original Color

32.3090, 1.3267, -5.5330

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.3090, 1.3267, -5.5330 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(26, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(26, 35, 35)  
}
```

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(26, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 35, 35) }
```

Border

The CSS property to change the border of an element to YUV 32.3090, 1.3267, -5.5330 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(26, 35, 35) }
```


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

```
.border{ border-color:rgb(26, 35, 35) }
```

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

Here you see how a box with a 4 pixel rgb(26, 35, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(26, 35, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.3090, 1.3267, -5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 35, 35) }
```

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

```
.background{ background-color: rgb(26, 35,  
35) }
```

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