

# Converting Colors

YUV(36.1990, -5.0281, 26.1355)

Have a look what the booklet for  
YUV(36.1990, -5.0281, 26.1355)  
contains.

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# Color

**YUV(36.1990, -5.0281,  
26.1355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42171A
RGB	66, 23, 26
RGB Percent	26%, 9%, 10%
CMY	0.7412, 0.9098, 0.8980
CMYK	0.00, 0.65, 0.61, 0.74
HSL	356°, 48%, 17%
HSV	356°, 65%, 26%
XYZ	2.7396, 1.8456, 1.1891
YIQ	36.1990, 24.6650, 10.0490

# Conversions

## Conversions Part 2

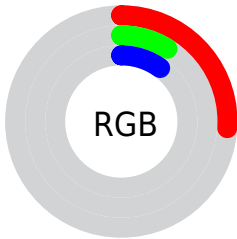
Format	Color
<a href="#">RYB</a>	<a href="#">66, 23, 26</a>
Decimal	<a href="#">4331290</a>
CIELab	<a href="#">14.66, 21.17, 8.48</a>
CIELCh	<a href="#">15, 22.805, 21.832</a>
Yxy	<a href="#">1.8456, 0.4744, 0.3196</a>
Android (android.graphics.Color)	<a href="#">4282521370</a> (0xFF42171A)
YUV	<a href="#">36.1990, -5.0281, 26.1355</a>
Hunter-Lab	<a href="#">13.5854, 12.2218, 4.3201</a>

# Details

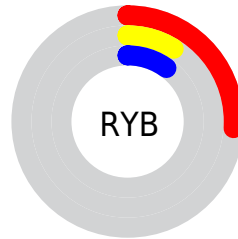
The YUV color **36.1990, -5.0281, 26.1355** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.8010, 5.0281, -26.1355**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7650, -6.7861, 30.0241**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.4060, -5.6232, 30.3389**, and if you desaturate by 10%, it is **40.9920, -4.4331, 21.9320**.

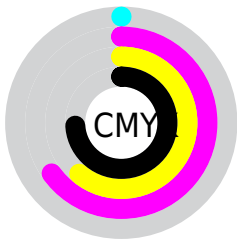
# Distribution



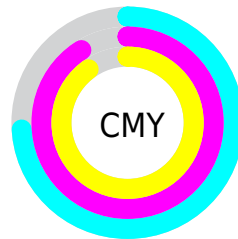
- Red (26%)
- Green (9%)
- Blue (10%)



- Red (26%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (65%)
- Yellow (61%)
- Black (74%)



- Cyan (74%)
- Magenta (91%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 36.1990, -5.0281, 26.1355 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 36.1990, -5.0281, 26.1355 by changing the saturation by 10% instead.



■ 36.1990, -5.0281,  
26.1355

■ 36.1990, -5.0281,  
26.1355

■ 254.1850, -0.5842,  
0.7148

■ 13.1560, -6.4859,  
27.0502

■ 82.7650, -6.7861,  
30.0241

■ 0.0000, 0.0000,  
0.0000

■ 107.2490, -7.5178,  
31.3536

■ 133.1460, -7.9600,  
33.1980

■ 159.7440, -8.2548,  
34.4275

■ 186.3420, -8.5496,  
35.6571

■ 214.2280, -8.9864,

35.7570

233.8560, -4.8590,  
18.5433

36.1990, -5.0281,  
26.1355

36.1990, -5.0281,  
26.1355

31.4060, -5.6232,  
30.3389

40.9920, -4.4331,  
21.9320

27.2000, -6.5076,  
34.0276

45.1980, -3.5486,  
18.2434

22.4070, -7.1027,  
38.2311

49.9910, -2.9536,  
14.0399

20.3040, -7.5449,  
40.0754

54.3110, -1.6323,  
10.2513

59.1040, -1.0373,  
6.0478

■ 63.8970, -0.4422,  
1.8443

■ 68.1030, 0.4422,  
-1.8443

■ 72.8960, 1.0373,  
-6.0478

■ 77.1020, 1.9217,  
-9.7365

# Harmonies

## Analogous

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



37.4250, 2.2555, 23.3063



36.1990, -5.0281, 26.1355



35.8150, -12.7268, 22.0872

# Triad

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



36.1990, -5.0281, 26.1355



31.2510, -7.5187, -15.1291



31.3460, 18.5634, -27.4904

# Complementary

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



36.1990, -5.0281, 26.1355



52.8010, 5.0281, -26.1355

# 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.



32.3090, 14.6377, -28.3350



36.1990, -5.0281, 26.1355



29.4760, 1.2443, -25.8505

# Square

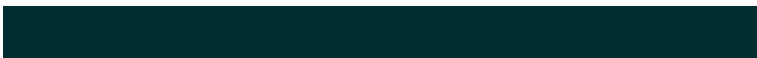
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.1990, -5.0281, 26.1355



33.9450, -16.7349, 0.9252



31.8870, 7.9437, -27.9649



36.8540, 14.8620, -6.8880



# Rectangle

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



36.1990, -5.0281, 26.1355



35.5170, -17.5099, 16.2096



31.8870, 7.9437, -27.9649



31.7050, 17.4004, -27.8053

# Sweetspot

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



36.1990, -5.0281, 26.1355



74.6100, -1.7797, 10.8660



39.5630, 13.0334, 19.6772



36.1040, -1.0373, 6.0478



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



36.1990, -5.0281, 26.1355



39.9020, -7.8397, 41.3049



46.4230, -11.5475, 17.1690



30.8970, -0.4422, 1.8443



29.8010, -11.2409, 58.9335



68.8000, -26.0304, 136.1104



# Inverse Universe

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



36.1990, -5.0281, 26.1355



39.9020, -7.8397, 41.3049



42.5770, 11.5475, -17.1690



30.8970, -0.4422, 1.8443



29.8010, -11.2409, 58.9335

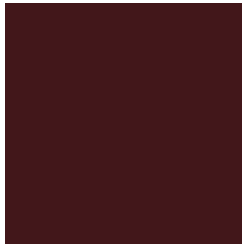


68.8000, -26.0304, 136.1104



# Previews

## White Background



This preview shows how the YUV color 36.1990, -5.0281, 26.1355 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

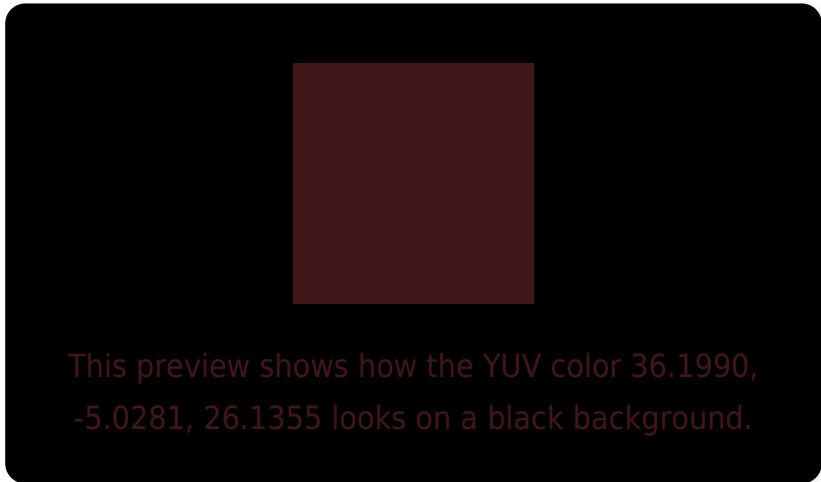
Any Text WCAG AA ✓ Pass

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

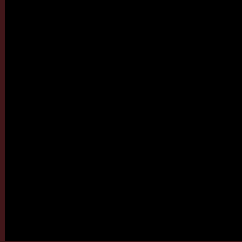
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 36.1990, -5.0281, 26.1355

## Background



This preview shows how black text looks on a background with the YUV color 36.1990, -5.0281, 26.1355.



This preview shows how white text looks on a background with the YUV color 36.1990, -5.0281,



# 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

36.1990, -5.0281, 26.1355

### Protanopia

38.0280, -2.4788, 1.7294

### Deuteranopia

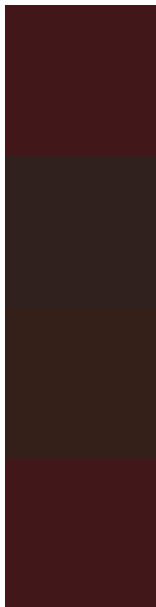
38.2090, -7.0050, 6.8327



## Tritanopia

36.0850, -5.4649, 26.2355

# Trichromacy



## Original Color

36.1990, -5.0281, 26.1355

## Protanomaly

37.4420, -3.6689, 10.1364

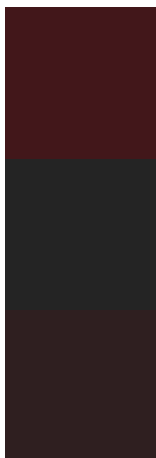
## Deuteranomaly

37.4810, -6.1531, 13.6102

## Tritanomaly

36.0850, -5.4649, 26.2355

# Monochromacy



## Original Color

36.1990, -5.0281, 26.1355

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

35.8980, -1.9217, 9.7365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 36.1990, -5.0281, 26.1355 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(66, 23, 26)` looks like.

```
.text, #text, p{  
    color:rgb(66, 23, 26)  
}
```

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(66, 23, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 23, 26) }
```

## Border

The CSS property to change the border of an element to YUV 36.1990, -5.0281, 26.1355 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(66, 23, 26) }
```



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

```
.border{ border-color:rgb(66, 23, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 23, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 23, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 23, 26);  
box-shadow:4px 4px 4px 4px rgb(66, 23, 26)  
}
```

# Background

The CSS property to change the background color of an element to YUV 36.1990, -5.0281, 26.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 23, 26) }
```

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

```
.background{ background-color: rgb(66, 23,  
26) }
```

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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