

Converting Colors

YUV(71.0550, -10.3801,
-30.7432)

Have a look what the booklet for
YUV(71.0550, -10.3801, -30.7432)
contains.

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Color

**YUV(71.0550, -10.3801,
-30.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	245D32
RGB	36, 93, 50
RGB Percent	14%, 36%, 20%
CMY	0.8588, 0.6353, 0.8039
CMYK	0.61, 0.00, 0.46, 0.64
HSL	135°, 44%, 25%
HSV	135°, 61%, 36%
XYZ	5.2176, 8.4341, 4.3706
YIQ	71.0550, -20.1690, -25.4570

Conversions

Conversions Part 2

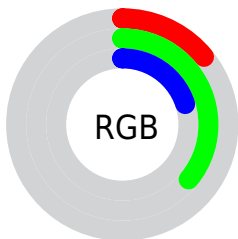
Format	Color
RYB	36, 82, 93
Decimal	2383154
CIELab	34.87, -29.24, 19.23
CIElCh	35, 35.001, 146.673
Yxy	8.4341, 0.2895, 0.4680
Android (android.graphics.Color)	4280573234 (0xFF245D32)
YUV	71.0550, -10.3801, -30.7432
Hunter-Lab	29.0415, -18.7530, 11.4063

Details

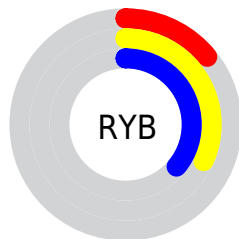
The YUV color **71.0550, -10.3801, -30.7432** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.9450, 10.3801, 30.7432**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5990, -12.1273, -30.3433**, and **27.4580, -11.5648, -24.0807** is the 20% darker color. If you saturate the color by 10%, you get **67.5660, -12.1110, -35.5764**, and if you desaturate by 10%, it is **74.5440, -8.6492, -25.9101**.

Distribution



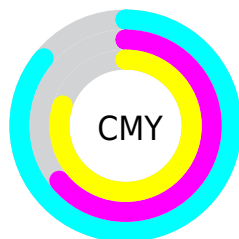
- Red (14%)
- Green (36%)
- Blue (20%)



- Red (14%)
- Yellow (32%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (46%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0550, -10.3801, -30.7432 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 71.0550, -10.3801, -30.7432 by changing the saturation by 10% instead.

■ 71.0550, -10.3801,
-30.7432

■ 71.0550, -10.3801,
-30.7432

255.0000, 0.0000,
0.0000

■ 45.4890, -8.6221,
-34.6319

■ 121.5990,
-12.1273, -30.3433

■ 27.4580, -11.5648,
-24.0807

■ 148.0720,
-12.8535, -30.7581

■ 15.2620, -7.5242,
-13.3848

■ 174.6590,
-13.1429, -31.2729

■ 0.0000, 0.0000,
0.0000

■ 202.2460,
-13.4323, -31.7877

■ 230.7190,
-14.1585, -32.2026

■ 242.2830, -6.0555,

-17.7882

253.8040, 0.5896,
-2.4591

71.0550, -10.3801,
-30.7432

71.0550, -10.3801,
-30.7432

67.5660, -12.1110,
-35.5764

74.5440, -8.6492,
-25.9101

63.7780, -13.6946,
-41.0243

78.3320, -7.0657,
-20.4622

60.2890, -15.4255,
-45.8575

81.8210, -5.3348,
-15.6290

57.2130, -16.8670,
-50.1758

85.3100, -3.6038,
-10.7959

88.7990, -1.8729,
-5.9627

■ 92.5870, -0.2894,
-0.5148

■ 96.0760, 1.4415,
4.3183

■ 99.5650, 3.1725,
9.1515

■ 103.3530, 4.7560,
14.5994

Harmonies

Analogous

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



76.7890, -23.5600, -3.3230



71.0550, -10.3801, -30.7432



64.6570, 6.5781, -56.7042

Triad

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



71.0550, -10.3801, -30.7432



66.2140, 35.3905, -58.0697



80.8270, -10.7607, 44.8787

Complementary

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



71.0550, -10.3801, -30.7432



57.9450, 10.3801, 30.7432

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.



82.4320, 1.7590, 42.5941



71.0550, -10.3801, -30.7432



82.9820, 24.1659, -4.3692

Square

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



71.0550, -10.3801, -30.7432



69.1830, 28.9968, -60.6735



84.2370, 14.1802, 25.2252



80.7860, -22.0795, 35.2677

Rectangle

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



71.0550, -10.3801, -30.7432



67.4100, 14.5879, -59.1186



84.2370, 14.1802, 25.2252



81.8640, -6.8350, 45.7233

Sweetspot

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



71.0550, -10.3801, -30.7432



111.5980, -3.7458, -11.9254



82.6150, -22.9812, -2.2934



55.9730, -2.4517, -6.9923



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



71.0550, -10.3801, -30.7432



85.7510, -16.1462, -48.0166



74.2470, 1.8502, -33.5426



44.0490, -1.0102, -2.6740



67.6480, -20.0395, -59.3273



145.7310, -43.2514, -127.8061

Inverse Universe

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



57.9450, 10.3801, 30.7432



65.2490, 16.1462, 48.0166



54.7530, -1.8502, 33.5426



42.9510, 1.0102, 2.6740



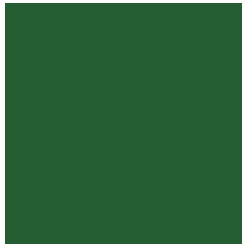
42.3520, 20.0395, 59.3273



91.2690, 43.2514, 127.8061

Previews

White Background



This preview shows how the YUV color 71.0550, -10.3801, -30.7432 looks on a white background.

Color Contrast Check

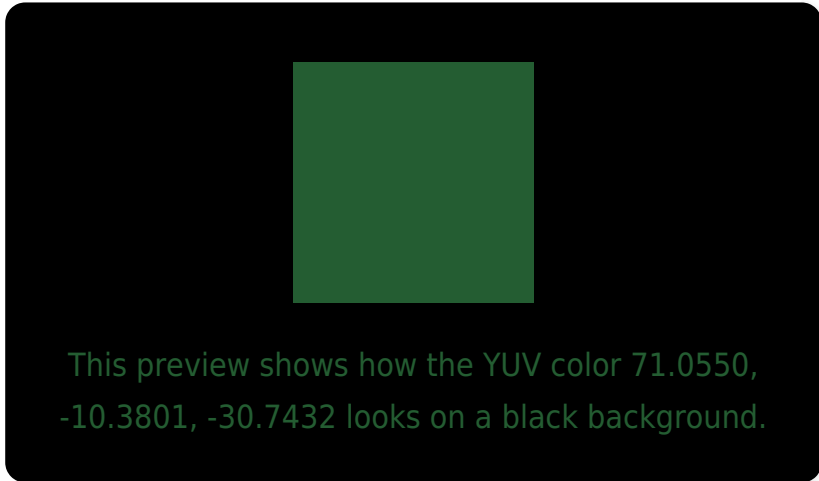
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.0550, -10.3801, -30.7432

Background



This preview shows how black text looks on a background with the YUV color 71.0550, -10.3801, -30.7432.



This preview shows how white text looks on a background with the YUV color 71.0550, -10.3801, -30.7432.

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

71.0550, -10.3801, -30.7432

Protanopia

80.2880, -16.9040, 8.5174

Deuteranopia

81.2440, -13.4313, 14.6950



Tritanopia

77.1370, 8.8065, -24.6761

Trichromacy



Original Color

71.0550, -10.3801, -30.7432

Protanomaly

76.7700, -14.6766, -5.9373

Deuteranomaly

77.1880, -11.9247, -1.9189

Tritanomaly

74.9920, 1.9759, -27.1800

Monochromacy



Original Color

71.0550, -10.3801, -30.7432

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8970, -3.8932, -11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0550, -10.3801, -30.7432 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(36, 93, 50)` looks like.

```
.text, #text, p{  
    color:rgb(36, 93, 50)  
}
```

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(36, 93, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 93, 50) }
```

Border

The CSS property to change the border of an element to YUV 71.0550, -10.3801, -30.7432 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(36, 93, 50) }
```


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

```
.border{ border-color:rgb(36, 93, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 93, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 93, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 93, 50);  
box-shadow:4px 4px 4px 4px rgb(36, 93, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.0550, -10.3801, -30.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 93, 50) }
```

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

```
.background{ background-color: rgb(36, 93,  
50) }
```

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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