

Converting Colors

YUV(53.3370, -21.3651, -7.3115)

Have a look what the booklet for
YUV(53.3370, -21.3651, -7.3115)
contains.

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Color

**YUV(53.3370, -21.3651,
-7.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	2D420A
RGB	45, 66, 10
RGB Percent	18%, 26%, 4%
CMY	0.8235, 0.7412, 0.9608
CMYK	0.32, 0.00, 0.85, 0.74
HSL	82°, 74%, 15%
HSV	82°, 85%, 26%
XYZ	3.0852, 4.4762, 0.9886
YIQ	53.3370, 5.4600, -21.8680

Conversions

Conversions Part 2

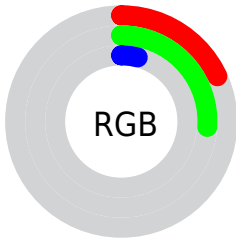
Format	Color
RYB	10, 66, 31
Decimal	2966026
CIELab	25.19, -18.03, 29.29
CIELCh	25, 34.396, 121.622
Yxy	4.4762, 0.3608, 0.5235
Android (android.graphics.Color)	4281156106 (0xFF2D420A)
YUV	53.3370, -21.3651, -7.3115
Hunter-Lab	21.1571, -10.9956, 12.0397

Details

The YUV color **53.3370, -21.3651, -7.3115** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.6630, 21.3651, 7.3115**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1090, -22.2387, -7.1116**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **51.9410, -24.1279, -7.8413**, and if you desaturate by 10%, it is **54.7330, -18.6024, -6.7818**.

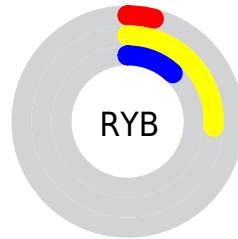
Distribution



Red (18%)

Green (26%)

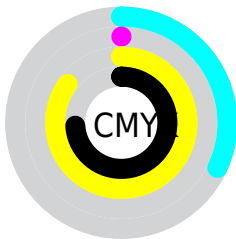
Blue (4%)



Red (4%)

Yellow (26%)

Blue (12%)

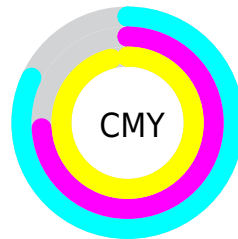


Cyan (32%)

Magenta (0%)

Yellow (85%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3370, -21.3651, -7.3115 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 53.3370, -21.3651, -7.3115 by changing the saturation by 10% instead.

■ 53.3370, -21.3651,
-7.3115

■ 53.3370, -21.3651,
-7.3115

■ 253.2900, -6.5520,
1.4997

■ 33.0040, -16.2710,
-7.8965

■ 101.1090,
-22.2387, -7.1116

■ 14.6750, -7.2348,
-12.8700

■ 126.8810,
-23.1123, -6.9116

■ 0.0000, 0.0000,
0.0000


■ 152.7670,
-23.5491, -6.8117


■ 179.5390,
-24.4227, -6.6117


■ 207.1260,
-24.7121, -7.1265


■ 235.8980,


-25.5857, -6.9265


 250.0980,
-18.7823, 4.2991


 53.3370, -21.3651,
-7.3115


 53.3370, -21.3651,
-7.3115


 51.9410, -24.1279,
-7.8413


 54.7330, -18.6024,
-6.7818

 51.0010, -25.1435,
-8.7709

 56.3140, -16.4238,
-5.5374

 57.7100, -13.6610,
-5.0077

 59.2910, -11.4825,
-3.7632

 60.6870, -8.7197,
-3.2335

■ 62.3820, -6.1043,
-2.0890

■ 63.6640, -3.7784,
-1.4593

■ 65.3590, -1.1630,
-0.3148

■ 66.6410, 1.1630,
0.3148

Harmonies

Analogous

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



55.8620, -27.5400, 13.2760



53.3370, -21.3651, -7.3115



44.9660, -5.4062, -39.4352

Triad

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



53.3370, -21.3651, -7.3115



52.4730, 25.8958, -46.0188



58.0790, 0.4541, 41.1497

Complementary

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



53.3370, -21.3651, -7.3115



22.6630, 21.3651, 7.3115

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.



60.6780, 11.9907, 27.4694



53.3370, -21.3651, -7.3115



49.1620, 30.9791, -43.1151

Square

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



53.3370, -21.3651, -7.3115



52.0680, 16.7285, -45.6636



60.6190, 21.3868, 0.3341



57.2780, -11.4761, 40.9752

Rectangle

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



53.3370, -21.3651, -7.3115



47.4910, 1.7299, -41.6496



60.6190, 21.3868, 0.3341



59.0940, 4.3907, 38.5056

Sweetspot

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



53.3370, -21.3651, -7.3115



82.1000, -8.4303, -2.7187



39.0710, -14.3320, 23.6167



40.0230, -4.9413, -1.7742



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.



53.3370, -21.3651, -7.3115



67.2150, -33.1370, -11.5896



44.9650, -17.2377, -24.5253



32.3590, -1.1630, -0.3148



75.1780, -37.0628, -12.4341



173.3480, -85.4606, -29.2462

Inverse Universe

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



22.6630, 21.3651, 7.3115



19.7850, 33.1370, 11.5896



31.0350, 17.2377, 24.5253



30.6410, 1.1630, 0.3148



21.8220, 37.0628, 12.4341



50.6520, 85.4606, 29.2462

Previews

White Background



This preview shows how the YUV color 53.3370, -21.3651, -7.3115 looks on a white background.

Color Contrast Check

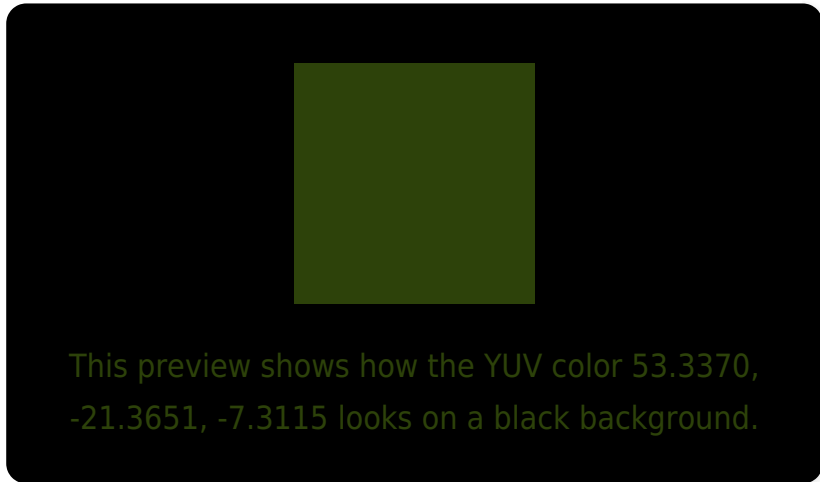
Large Text (above 18pt) WCAG AA ✓ Pass

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

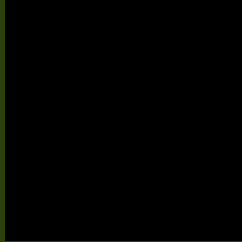
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3370, -21.3651, -7.3115

Background



This preview shows how black text looks on a background with the YUV color 53.3370, -21.3651, -7.3115.



This preview shows how white text looks on a background with the YUV color 53.3370, -21.3651, -7.3115.

-7.3115.

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

53.3370, -21.3651, -7.3115

Protanopia

56.1650, -23.7453, 9.5023

Deuteranopia

57.7080, -20.5620, 15.1651



Tritanopia

58.5800, 3.6581, -6.6477

Trichromacy



Original Color

53.3370, -21.3651, -7.3115

Protanomaly

55.0610, -22.7081, 3.4545

Deuteranomaly

55.9520, -20.6823, 7.0581

Tritanomaly

56.8760, -5.3619, -6.9073

Monochromacy



Original Color

53.3370, -21.3651, -7.3115

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2140, -7.9935, -2.8187

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3370, -21.3651, -7.3115 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(45, 66, 10)` looks like.

```
.text, #text, p{  
    color:rgb(45, 66, 10)  
}
```

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(45, 66, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 66, 10) }
```

Border

The CSS property to change the border of an element to YUV 53.3370, -21.3651, -7.3115 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(45, 66, 10) }
```


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

```
.border{ border-color:rgb(45, 66, 10) }
```

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

Here you see how a box with a 4 pixel rgb(45, 66, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 66, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 66, 10);  
box-shadow:4px 4px 4px 4px rgb(45, 66, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3370, -21.3651, -7.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 66, 10) }
```

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

```
.background{ background-color: rgb(45, 66,  
10) }
```

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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