

Converting Colors

YUV(49.5420, -15.5502, -5.7373)

Have a look what the booklet for
YUV(49.5420, -15.5502, -5.7373)
contains.

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Color

**YUV(49.5420, -15.5502,
-5.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3B12
RGB	43, 59, 18
RGB Percent	17%, 23%, 7%
CMY	0.8314, 0.7686, 0.9294
CMYK	0.27, 0.00, 0.69, 0.77
HSL	83°, 53%, 15%
HSV	83°, 69%, 23%
XYZ	2.6694, 3.6852, 1.1429
YIQ	49.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

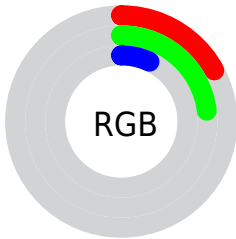
Format	Color
RYB	18, 59, 34
Decimal	2833170
CIELab	22.60, -14.41, 22.77
CIElCh	23, 26.940, 122.325
Yxy	3.6852, 0.3560, 0.4915
Android (android.graphics.Color)	4281023250 (0xFF2B3B12)
YUV	49.5420, -15.5502, -5.7373
Hunter-Lab	19.1969, -8.7733, 9.9080

Details

The YUV color **49.5420, -15.5502, -5.7373** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.4580, 15.5502, 5.7373**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2000, -16.8606, -5.4374**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **48.2600, -17.8762, -6.3670**, and if you desaturate by 10%, it is **50.8240, -13.2242, -5.1076**.

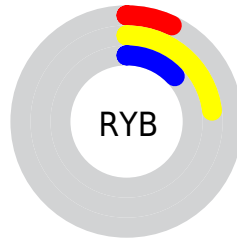
Distribution



Red (17%)

Green (23%)

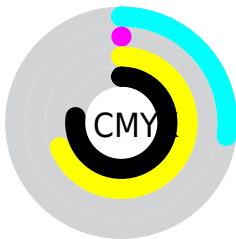
Blue (7%)



Red (7%)

Yellow (23%)

Blue (13%)

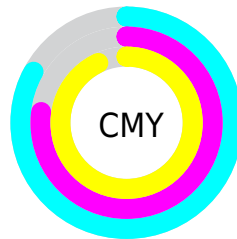


Cyan (27%)

Magenta (0%)

Yellow (69%)

Black (77%)



Cyan (83%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5420, -15.5502, -5.7373 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 49.5420, -15.5502, -5.7373 by changing the saturation by 10% instead.

■ 49.5420, -15.5502,
-5.7373

■ 49.5420, -15.5502,
-5.7373

■ 253.9740, -3.9312,
0.8998

■ 28.5960, -14.0978,
-4.9077

■ 96.2000, -16.8606,
-5.4374

■ 9.9790, -4.9196,
-8.7516

■ 121.6730,
-17.5868, -5.8522

■ 0.0000, 0.0000,
0.0000


■ 147.4450,
-18.4604, -5.6523


■ 174.0320,
-18.7498, -6.1671


■ 201.2170,
-19.3340, -5.4523


■ 229.8040,


-19.6234, -5.9671


 249.7710,
-16.1561, 1.9548


 49.5420, -15.5502,
-5.7373


 49.5420, -15.5502,
-5.7373


 48.2600, -17.8762,
-6.3670


 50.8240, -13.2242,
-5.1076


 46.6790, -20.0547,
-7.6115

 52.4050, -11.0457,
-3.8632

 45.3970, -22.3807,
-8.2412

 53.6870, -8.7197,
-3.2335

 54.9690, -6.3937,
-2.6038

 56.4360, -4.6519,
-1.2594

■ 57.7180, -2.3260,
-0.6297

■ 59.0000, 0.0000,
0.0000

■ 60.2820, 2.3260,
0.6297

■ 61.8630, 4.5045,
1.8741

Harmonies

Analogous

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



51.2020, -19.8196, 10.3468



49.5420, -15.5502, -5.7373



44.2710, -4.5706, -27.4247

Triad

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



49.5420, -15.5502, -5.7373



45.9530, 21.2222, -40.3008



54.0840, -0.5344, 31.4983

Complementary

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



49.5420, -15.5502, -5.7373



27.4580, 15.5502, 5.7373

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.



55.7220, 8.5181, 21.2918



49.5420, -15.5502, -5.7373



47.1760, 23.0842, -30.8494

Square

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



49.5420, -15.5502, -5.7373



45.5310, 14.5282, -39.9307



55.2510, 16.1453, 1.5339



53.3800, -9.5543, 31.2387

Rectangle

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



49.5420, -15.5502, -5.7373



42.4530, 2.7347, -37.2313



55.2510, 16.1453, 1.5339



54.2840, 2.8180, 29.5689

Sweetspot

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



49.5420, -15.5502, -5.7373



72.9690, -6.3937, -2.6038



39.6510, -10.6739, 16.9691



36.0770, -3.4890, -0.9445



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



49.5420, -15.5502, -5.7373



62.2290, -24.2699, -8.9708



43.5620, -12.6021, -18.0329



30.0600, -1.0156, -0.9296



72.5200, -35.7524, -12.7340



170.6790, -84.1447, -31.2905

Inverse Universe

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



27.4580, 15.5502, 5.7373



27.7710, 24.2699, 8.9708



33.4380, 12.6021, 18.0329



28.6410, 1.1630, 0.3148



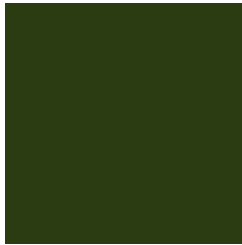
21.7790, 35.6050, 13.3488



51.3210, 84.1447, 31.2905

Previews

White Background



This preview shows how the YUV color 49.5420, -15.5502, -5.7373 looks on a white background.

Color Contrast Check

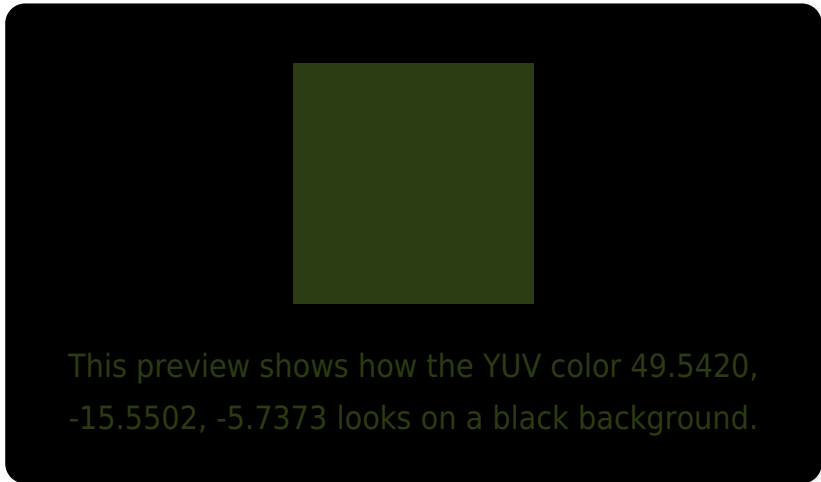
Large Text (above 18pt) WCAG AA ✓ Pass

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

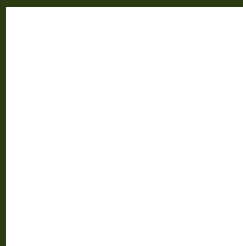
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.5420, -15.5502, -5.7373

Background



This preview shows how black text looks on a background with the YUV color 49.5420, -15.5502, -5.7373.



This preview shows how white text looks on a background with the YUV color 49.5420, -15.5502, -5.7373.

-5.7373.

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

49.5420, -15.5502, -5.7373

Protanopia

51.5760, -17.0460, 7.3878

Deuteranopia

52.3640, -15.4625, 12.8358



Tritanopia

53.3630, 2.7790, -4.7034

Trichromacy



Original Color

49.5420, -15.5502, -5.7373

Protanomaly

50.9560, -16.7403, 2.6696

Deuteranomaly

51.3200, -15.4408, 5.8584

Tritanomaly

51.6420, -3.7675, -4.9480

Monochromacy



Original Color

49.5420, -15.5502, -5.7373

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.4960, -5.6675, -2.1890

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5420, -15.5502, -5.7373 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(43, 59, 18)` looks like.

```
.text, #text, p{  
    color:rgb(43, 59, 18)  
}
```

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(43, 59, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 59, 18) }
```

Border

The CSS property to change the border of an element to YUV 49.5420, -15.5502, -5.7373 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(43, 59, 18) }
```


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

```
.border{ border-color:rgb(43, 59, 18) }
```

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

Here you see how a box with a 4 pixel rgb(43, 59, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 59, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 59, 18);  
box-shadow:4px 4px 4px 4px rgb(43, 59, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.5420, -15.5502, -5.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 59, 18) }
```

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

```
.background{ background-color: rgb(43, 59,  
18) }
```

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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