

Converting Colors

YUV(59.4370, -13.0334,
-19.6772)

Have a look what the booklet for
YUV(59.4370, -13.0334, -19.6772)
contains.

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Color

**YUV(59.4370, -13.0334,
-19.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	254C21
RGB	37, 76, 33
RGB Percent	15%, 30%, 13%
CMY	0.8549, 0.7020, 0.8706
CMYK	0.51, 0.00, 0.57, 0.70
HSL	114°, 39%, 21%
HSV	114°, 57%, 30%
XYZ	3.6219, 5.6720, 2.3428
YIQ	59.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

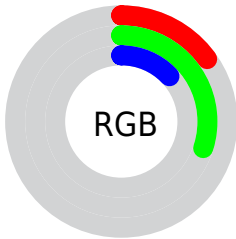
Format	Color
R_{YB}	33, 76, 72
Decimal	2444321
CIE _{Lab}	28.57, -23.85, 21.22
CIE _{LCh}	29, 31.924, 138.349
Yxy	5.6720, 0.3112, 0.4874
Android (android.graphics.Color)	4280634401 (0xFF254C21)
YUV	59.4370, -13.0334, -19.6772
Hunter-Lab	23.8160, -14.5319, 10.8389

Details

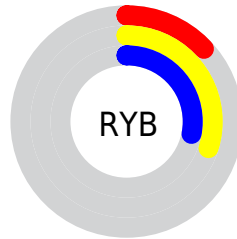
The YUV color **59.4370, -13.0334, -19.6772** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.5630, 13.0334, 19.6772**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6820, -14.6332, -19.8921**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **56.4320, -15.4960, -23.1809**, and if you desaturate by 10%, it is **62.4420, -10.5709, -16.1736**.

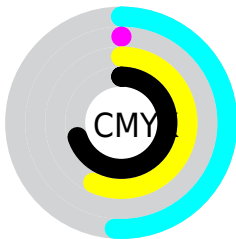
Distribution



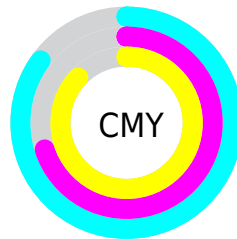
- Red (15%)
- Green (30%)
- Blue (13%)



- Red (13%)
- Yellow (30%)
- Blue (28%)



- Cyan (51%)
- Magenta (0%)
- Yellow (57%)
- Black (70%)



- Cyan (85%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.4370, -13.0334, -19.6772 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 59.4370, -13.0334, -19.6772 by changing the saturation by 10% instead.

■ 59.4370, -13.0334,
-19.6772

■ 59.4370, -13.0334,
-19.6772

255.0000, 0.0000,
0.0000

■ 36.2520, -12.4492,
-20.3920

■ 107.6820,
-14.6332, -19.8921

■ 18.7840, -9.2605,
-16.4736

■ 133.2690,
-14.9226, -20.4069

■ 0.0000, 0.0000,
0.0000

■ 159.7420,
-15.6488, -20.8217

■ 187.2150,
-16.3750, -21.2366

■ 214.8020,
-16.6644, -21.7514

■ 238.9920,

-14.7861, -17.5330

■ 250.5560, -6.6831,
-3.1186

■ 59.4370, -13.0334,
-19.6772

■ 59.4370, -13.0334,
-19.6772

■ 56.4320, -15.4960,
-23.1809

■ 62.4420, -10.5709,
-16.1736

■ 53.5410, -17.5217,
-26.7845

■ 65.3330, -8.5452,
-12.5700

■ 50.5360, -19.9842,
-30.2881

■ 68.3380, -6.0826,
-9.0664

■ 47.6450, -22.0100,
-33.8917

■ 71.2290, -4.0569,
-5.4628

■ 46.7050, -23.0256,
-34.8213

■ 73.9350, -1.4470,
-2.5740

■ 76.9400, 1.0156,
0.9296

■ 79.8310, 3.0413,
4.5332

■ 82.8360, 5.5039,
8.0368

■ 85.7270, 7.5296,
11.6404

Harmonies

Analogous

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



63.3490, -22.8501, 2.3249



59.4370, -13.0334, -19.6772



52.8710, 2.0356, -46.3679

Triad

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



59.4370, -13.0334, -19.6772



55.9610, 29.1062, -49.0778



66.8310, -6.8187, 40.4902

Complementary

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



59.4370, -13.0334, -19.6772



49.5630, 13.0334, 19.6772

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.



67.8870, 4.9857, 34.3021



59.4370, -13.0334, -19.6772



66.4000, 23.4668, -13.5058

Square

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



59.4370, -13.0334, -19.6772



57.6420, 22.8545, -50.5520



69.4100, 15.0809, 16.3034



66.0400, -17.2747, 34.1679

Rectangle

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



59.4370, -13.0334, -19.6772



54.8090, 9.4612, -48.0675



69.4100, 15.0809, 16.3034



66.8570, -2.8875, 39.5904

Sweetspot

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



59.4370, -13.0334, -19.6772



92.6910, -4.7777, -7.6220



68.7500, -17.6247, 6.3582



47.1690, -3.0413, -4.5332



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



59.4370, -13.0334, -19.6772



73.1230, -20.2736, -30.8029



60.1790, -5.0182, -23.8360



36.6470, -1.3050, -1.4444



62.5650, -30.8445, -46.9765



141.2890, -69.6555, -105.4935

Inverse Universe

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



49.5630, 13.0334, 19.6772



57.8770, 20.2736, 30.8029



48.8210, 5.0182, 23.8360



35.6520, 1.1576, 2.0592



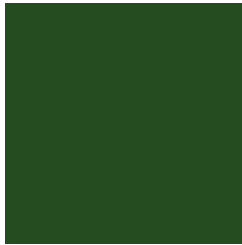
39.4350, 30.8445, 46.9765



88.4120, 69.8029, 104.8787

Previews

White Background



This preview shows how the YUV color 59.4370, -13.0334, -19.6772 looks on a white background.

Color Contrast Check

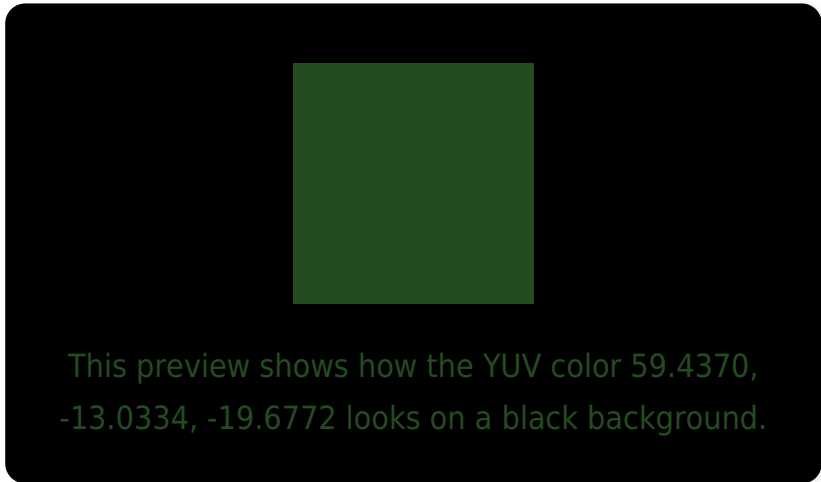
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.4370, -13.0334, -19.6772

Background



This preview shows how black text looks on a background with the YUV color 59.4370, -13.0334, -19.6772.



This preview shows how white text looks on a background with the YUV color 59.4370, -13.0334, -19.6772.

-19.6772.

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

59.4370, -13.0334, -19.6772

Protanopia

65.1740, -17.3408, 8.6174

Deuteranopia

66.1900, -14.8837, 13.8654



Tritanopia

64.2090, 6.3060, -15.9693

Trichromacy



Original Color

59.4370, -13.0334, -19.6772

Protanomaly

62.8630, -15.7085, -1.6339

Deuteranomaly

63.6400, -14.1195, 2.0697

Tritanomaly

62.6620, -0.8194, -17.2436

Monochromacy



Original Color

59.4370, -13.0334, -19.6772

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.4370, -13.0334, -19.6772 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(37, 76, 33)` looks like.

```
.text, #text, p{  
    color:rgb(37, 76, 33)  
}
```

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(37, 76, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 76, 33) }
```

Border

The CSS property to change the border of an element to YUV 59.4370, -13.0334, -19.6772 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(37, 76, 33) }
```


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

```
.border{ border-color:rgb(37, 76, 33) }
```

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

Here you see how a box with a 4 pixel rgb(37, 76, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 76, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 76, 33);  
box-shadow:4px 4px 4px 4px rgb(37, 76, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.4370, -13.0334, -19.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 76, 33) }
```

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

```
.background{ background-color: rgb(37, 76,  
33) }
```

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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