

Converting Colors

YUV(53.0090, -0.4974, -27.1949)

Have a look what the booklet for
YUV(53.0090, -0.4974, -27.1949)
contains.

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Color

**YUV(53.0090, -0.4974,
-27.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	164534
RGB	22, 69, 52
RGB Percent	9%, 27%, 20%
CMY	0.9137, 0.7294, 0.7961
CMYK	0.68, 0.00, 0.25, 0.73
HSL	158°, 52%, 18%
HSV	158°, 68%, 27%
XYZ	3.0788, 4.6748, 3.9889
YIQ	53.0090, -22.5550, -15.2510

Conversions

Conversions Part 2

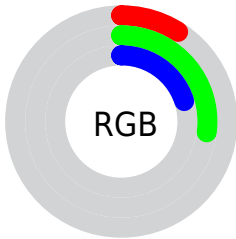
Format	Color
R_{YB}	22, 51, 69
Decimal	1459508
CIE Lab	25.79, -20.73, 5.62
CIE LCh	26, 21.480, 164.825
Yxy	4.6748, 0.2622, 0.3981
Android (android.graphics.Color)	4279649588 (0xFF164534)
YUV	53.0090, -0.4974, -27.1949
Hunter-Lab	21.6212, -12.4188, 4.1965

Details

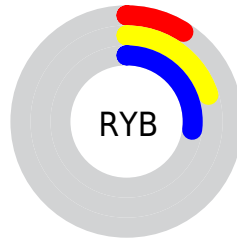
The YUV color **53.0090, -0.4974, -27.1949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **37.9910, 0.4974, 27.1949**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6670, -1.8078, -26.8950**, and **16.5330, -5.1928, -14.4994** is the 20% darker color. If you saturate the color by 10%, you get **50.6880, -0.3392, -31.2984**, and if you desaturate by 10%, it is **55.3300, -0.6557, -23.0914**.

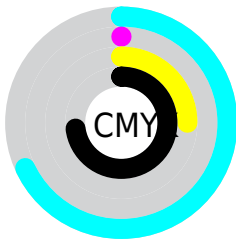
Distribution



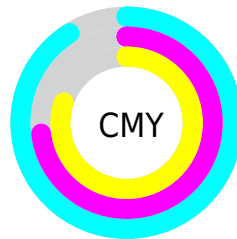
- Red (9%)
- Green (27%)
- Blue (20%)



- Red (9%)
- Yellow (20%)
- Blue (27%)



- Cyan (68%)
- Magenta (0%)
- Yellow (25%)
- Black (73%)



- Cyan (91%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0090, -0.4974, -27.1949 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 53.0090, -0.4974, -27.1949 by changing the saturation by 10% instead.

■ 53.0090, -0.4974,
-27.1949

■ 53.0090, -0.4974,
-27.1949

255.0000, 0.0000,
0.0000

■ 30.5360, 0.2288,
-26.7801

■ 101.6670, -1.8078,
-26.8950

■ 16.5330, -5.1928,
-14.4994

■ 126.6670, -1.8078,
-26.8950

■ 0.0000, 0.0000,
0.0000

■ 152.9550, -1.9498,
-28.0245

■ 179.9550, -1.9498,
-28.0245

■ 208.1290, -2.5286,
-29.0541

■ 236.1290, -2.5286,

-29.0541

■ 247.8240, 3.5378,
-14.7546

■ 53.0090, -0.4974,
-27.1949

■ 53.0090, -0.4974,
-27.1949

■ 50.6880, -0.3392,
-31.2984

■ 55.3300, -0.6557,
-23.0914

■ 48.2530, -0.6177,
-35.3019

■ 57.7650, -0.3771,
-19.0879

■ 45.9320, -0.4595,
-39.4054

■ 60.0860, -0.5354,
-14.9844

■ 45.5190, -0.7489,
-39.9202

■ 62.5210, -0.2569,
-10.9809

■ 64.5430, -0.2677,
-7.4922

■ 66.9780, 0.0108,
-3.4887

■ 69.2990, -0.1474,
0.6148

■ 71.7340, 0.1311,
4.6183

■ 74.0550, -0.0271,
8.7218

Harmonies

Analogous

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



57.0020, -9.8610, -10.5258



53.0090, -0.4974, -27.1949



48.9560, 9.8817, -42.9344

Triad

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



53.0090, -0.4974, -27.1949



60.6580, 15.4516, -9.3471



61.5810, -11.1324, 24.0465

Complementary

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



53.0090, -0.4974, -27.1949



37.9910, 0.4974, 27.1949

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.



61.8400, -3.8651, 26.4503



53.0090, -0.4974, -27.1949



63.1010, 10.3032, 8.6814

Square

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



53.0090, -0.4974, -27.1949



53.1280, 19.1639, -33.4383



62.7560, 3.5713, 21.2620



60.0870, -15.3259, 15.7097

Rectangle

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



53.0090, -0.4974, -27.1949



49.5090, 14.5391, -43.4194



62.7560, 3.5713, 21.2620



61.4610, -9.1013, 25.9057

Sweetspot

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



53.0090, -0.4974, -27.1949



82.9340, 0.0325, -10.4661



54.6720, -16.1073, -13.7443



42.2550, -0.1257, -6.3626



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



53.0090, -0.4974, -27.1949



64.2090, -0.5960, -42.2793



51.4250, 8.6645, -25.8057



34.5760, -0.2840, -2.2592



65.2950, -1.1314, -57.2637



149.7790, -2.3560, -131.3562

Inverse Universe

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



37.9910, 0.4974, 27.1949



40.9050, 1.0328, 42.1793



39.5750, -8.6645, 25.8057



33.3100, -0.1528, 2.3591



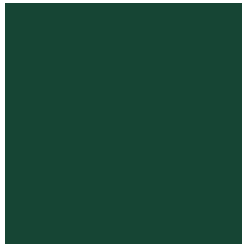
33.7050, 1.1314, 57.2637



77.2210, 2.3560, 131.3562

Previews

White Background



This preview shows how the YUV color 53.0090, -0.4974, -27.1949 looks on a white background.

Color Contrast Check

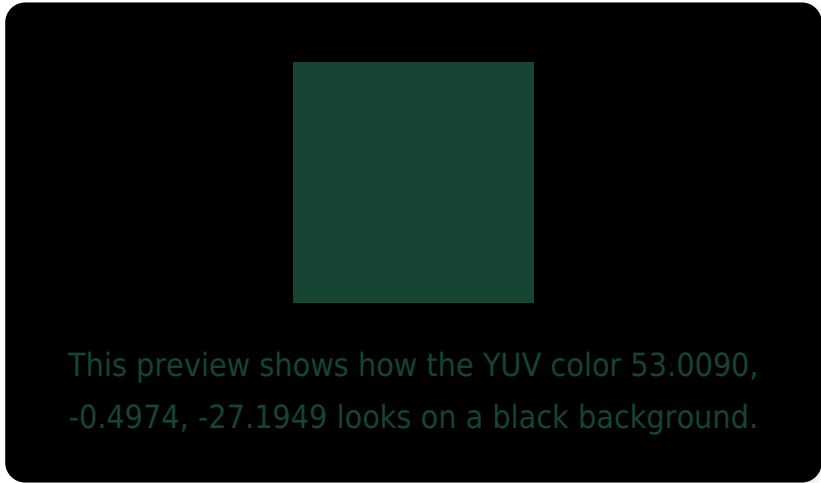
Large Text (above 18pt) WCAG AA ✓ Pass

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

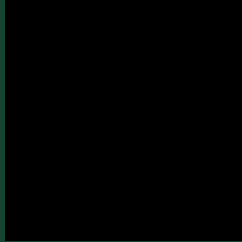
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0090, -0.4974, -27.1949

Background



This preview shows how black text looks on a background with the YUV color 53.0090, -0.4974, -27.1949.



This preview shows how white text looks on a background with the YUV color 53.0090, -0.4974, -27.1949.

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

53.0090, -0.4974, -27.1949

Protanopia

60.7140, -6.2680, 3.7588

Deuteranopia

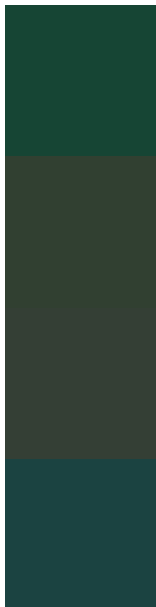
61.4200, -3.6581, 6.6477



Tritanopia

55.9200, 7.9274, -22.7318

Trichromacy



Original Color

53.0090, -0.4974, -27.1949

Protanomaly

57.8050, -4.3409, -7.7220

Deuteranomaly

58.5710, -2.7465, -5.7628

Tritanomaly

54.8120, 5.0227, -24.3911

Monochromacy



Original Color

53.0090, -0.4974, -27.1949

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2330, -0.1149, -9.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0090, -0.4974, -27.1949 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(22, 69, 52)` looks like.

```
.text, #text, p{  
    color:rgb(22, 69, 52)  
}
```

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(22, 69, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 69, 52) }
```

Border

The CSS property to change the border of an element to YUV 53.0090, -0.4974, -27.1949 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(22, 69, 52) }
```


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

```
.border{ border-color:rgb(22, 69, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 69, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 69, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 69, 52);  
box-shadow:4px 4px 4px 4px rgb(22, 69, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.0090, -0.4974, -27.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 69, 52) }
```

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

```
.background{ background-color: rgb(22, 69,  
52) }
```

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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