

Converting Colors

YUV(35.3050, -9.5174, -27.4545)

Have a look what the booklet for
YUV(35.3050, -9.5174, -27.4545)
contains.

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Color

**YUV(35.3050, -9.5174,
-27.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	043710
RGB	4, 55, 16
RGB Percent	2%, 22%, 6%
CMY	0.9843, 0.7843, 0.9373
CMYK	0.93, 0.00, 0.71, 0.78
HSL	134°, 86%, 12%
HSV	134°, 93%, 22%
XYZ	1.5098, 2.7956, 0.9502
YIQ	35.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

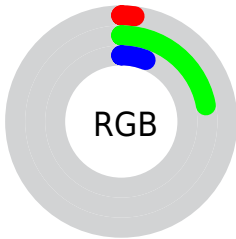
Format	Color
R_{YB}	4, 45, 55
Decimal	276240
CIE _{Lab}	19.21, -26.06, 19.52
CIE _{LCh}	19, 32.562, 143.164
Yxy	2.7956, 0.2873, 0.5319
Android (android.graphics.Color)	4278466320 (0xFF043710)
YUV	35.3050, -9.5174, -27.4545
Hunter-Lab	16.7200, -13.1419, 8.3344

Details

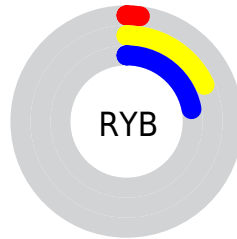
The YUV color **35.3050, -9.5174, -27.4545** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.6950, 9.5174, 27.4545**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9310, -12.2910, -24.4955**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.7670, -10.2381, -29.6137**, and if you desaturate by 10%, it is **37.5550, -8.6546, -24.1657**.

Distribution



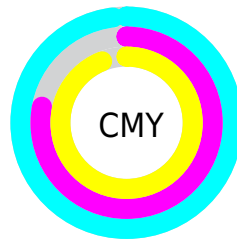
- Red (2%)
- Green (22%)
- Blue (6%)



- Red (2%)
- Yellow (18%)
- Blue (22%)



- Cyan (93%)
- Magenta (0%)
- Yellow (71%)
- Black (78%)



- Cyan (98%)
- Magenta (78%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3050, -9.5174, -27.4545 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 35.3050, -9.5174, -27.4545 by changing the saturation by 10% instead.

■ 35.3050, -9.5174,
-27.4545

■ 35.3050, -9.5174,
-27.4545

■ 249.6310, -3.7621,
-6.6924

■ 19.9580, -9.8393,
-17.5032

■ 83.9310, -12.2910,
-24.4955

■ 0.0000, 0.0000,
0.0000

■ 108.5180,
-12.5804, -25.0103

■ 134.2900,
-13.4540, -24.8103


■ 160.8770,
-13.7434, -25.3251


■ 188.0510,
-14.3221, -26.3547


■ 215.9370,


-14.7589, -26.2547


 238.0670,
-11.8650, -21.1068


 35.3050, -9.5174,
-27.4545


 35.3050, -9.5174,
-27.4545


 33.7670, -10.2381,
-29.6137

 37.5550, -8.6546,
-24.1657

 39.5060, -7.6445,
-21.4918

 41.8700, -6.3449,
-18.3030

 43.8210, -5.3348,
-15.6290

 46.0710, -4.4720,
-12.3403

■ 48.0220, -3.4618,
-9.6663

■ 50.2720, -2.5991,
-6.3775

■ 52.3370, -1.1521,
-3.8035

■ 54.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



42.1960, -20.8026, -1.0489



35.3050, -9.5174, -27.4545



38.0190, 0.9766, -33.3427

Triad

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



35.3050, -9.5174, -27.4545



40.6530, 26.3001, -35.6527



43.8200, -6.8133, 38.7459

Complementary

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



35.3050, -9.5174, -27.4545



23.6950, 9.5174, 27.4545

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.



44.6700, 4.1067, 36.2464



35.3050, -9.5174, -27.4545



45.6670, 21.8562, -10.2320

Square

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



35.3050, -9.5174, -27.4545



42.4480, 20.4851, -37.2269



47.6770, 13.4702, 19.5773



44.1490, -19.3005, 30.5643

Rectangle

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



35.3050, -9.5174, -27.4545



39.9570, 8.4022, -35.0423



47.6770, 13.4702, 19.5773



43.7430, -3.3243, 39.6904

Sweetspot

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



35.3050, -9.5174, -27.4545



63.3100, -3.6038, -10.7959



45.5980, -20.5078, -2.2784



31.2720, -2.5991, -6.3775



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



35.3050, -9.5174, -27.4545



43.6150, -13.1212, -38.2504



38.1550, 1.4026, -29.9539



26.8750, -0.4314, -1.6444



56.5120, -17.0144, -49.5610



134.4810, -40.6631, -117.9398

Inverse Universe

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



23.6950, 9.5174, 27.4545



27.4990, 13.5580, 38.1504



20.8450, -1.4026, 29.9539



26.1250, 0.4314, 1.6444



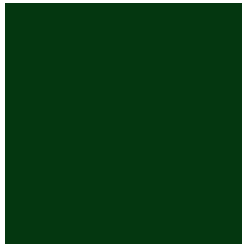
35.4880, 17.0144, 49.5610



84.6330, 41.0999, 117.8399

Previews

White Background



This preview shows how the YUV color 35.3050, -9.5174, -27.4545 looks on a white background.

Color Contrast Check

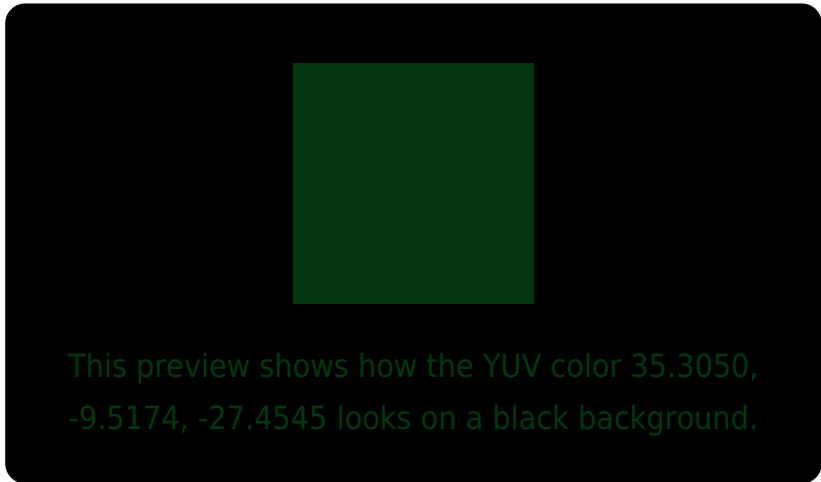
Large Text (above 18pt) WCAG AA ✓ Pass

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

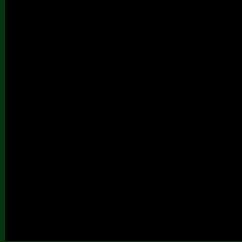
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3050, -9.5174, -27.4545

Background



This preview shows how black text looks on a background with the YUV color 35.3050, -9.5174, -27.4545.



This preview shows how white text looks on a background with the YUV color 35.3050, -9.5174,

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

35.3050, -9.5174, -27.4545

Protanopia

45.0320, -15.2988, 6.9879

Deuteranopia

46.3360, -12.9836, 11.1063



Tritanopia

43.1980, 6.3114, -17.7136

Trichromacy



Original Color

35.3050, -9.5174, -27.4545

Protanomaly

41.5250, -13.0768, -5.7224

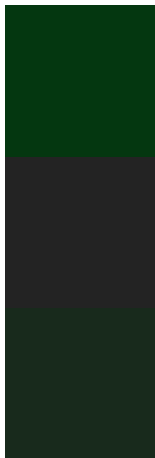
Deuteranomaly

42.5900, -11.6299, -3.1484

Tritanomaly

39.9820, 0.5019, -21.0322

Monochromacy



Original Color

35.3050, -9.5174, -27.4545

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3050, -9.5174, -27.4545 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(4, 55, 16)` looks like.

```
.text, #text, p{  
    color:rgb(4, 55, 16)  
}
```

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(4, 55, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 55, 16) }
```

Border

The CSS property to change the border of an element to YUV 35.3050, -9.5174, -27.4545 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(4, 55, 16) }
```


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

```
.border{ border-color:rgb(4, 55, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 55, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 55, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 55, 16); box-shadow:4px  
4px 4px 4px rgb(4, 55, 16) }
```

Background

The CSS property to change the background color of an element to YUV 35.3050, -9.5174, -27.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 55, 16) }
```

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

```
.background{ background-color: rgb(4, 55,  
16) }
```

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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