

Converting Colors

YUV(47.1350, 1.9054, -4.5034)

Have a look what the booklet for
YUV(47.1350, 1.9054, -4.5034)
contains.

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Color

**YUV(47.1350, 1.9054,
-4.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3133
RGB	42, 49, 51
RGB Percent	16%, 19%, 20%
CMY	0.8353, 0.8078, 0.8000
CMYK	0.18, 0.04, 0.00, 0.80
HSL	193°, 10%, 18%
HSV	193°, 18%, 20%
XYZ	2.6507, 2.9279, 3.5574
YIQ	47.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

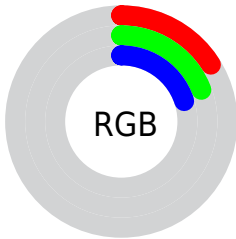
Format	Color
R_{YB}	42, 46, 51
Decimal	2765107
CIE Lab	19.75, -2.48, -2.29
CIE LCh	20, 3.378, 222.785
Yxy	2.9279, 0.2901, 0.3205
Android (android.graphics.Color)	4280955187 (0xFF2A3133)
YUV	47.1350, 1.9054, -4.5034
Hunter-Lab	17.1111, -2.2927, -0.3487

Details

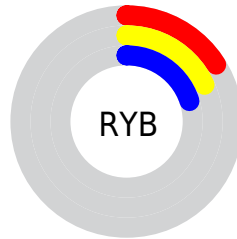
The YUV color **47.1350, 1.9054, -4.5034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.8650, -1.9054, 4.5034**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8360, 2.0529, -5.1182**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **45.0530, 2.9319, -7.0625**, and if you desaturate by 10%, it is **49.2170, 0.8790, -1.9443**.

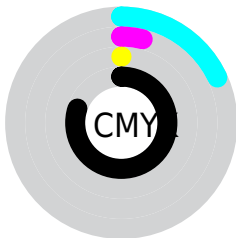
Distribution



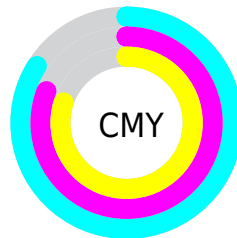
- Red (16%)
- Green (19%)
- Blue (20%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1350, 1.9054, -4.5034 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 47.1350, 1.9054, -4.5034 by changing the saturation by 10% instead.

■ 47.1350, 1.9054,
-4.5034

■ 47.1350, 1.9054,
-4.5034

■ 255.0000, 0.0000,
0.0000

■ 26.4340, 1.7580,
-3.8886

■ 92.8360, 2.0529,
-5.1182

■ 0.5700, 2.1840,
-0.4999

■ 117.8360, 2.0529,
-5.1182

■ 0.0000, 0.0000,
0.0000

■ 142.9500, 2.4897,
-5.2181

■ 169.8360, 2.0529,
-5.1182

■ 196.9500, 2.4897,
-5.2181

■ 224.6510, 2.6371,

-5.8329

252.6080, 1.1793,
-4.9182

47.1350, 1.9054,
-4.5034

47.1350, 1.9054,
-4.5034

45.0530, 2.9319,
-7.0625

49.2170, 0.8790,
-1.9443

42.9710, 3.9583,
-9.6216

51.2990, -0.1474,
0.6148

40.8890, 4.9847,
-12.1807

53.3810, -1.1738,
3.1739

38.2200, 6.3005,
-14.2249

56.0500, -2.4896,
5.2182

35.8390, 7.4744,
-17.3988

58.4310, -3.6635,
8.3920

■ 33.7570, 8.5008,
-19.9579

■ 60.5130, -4.6899,
10.9511

■ 31.6750, 9.5272,
-22.5170

■ 62.5950, -5.7163,
13.5102

■ 29.5930, 10.5537,
-25.0761

■ 64.6770, -6.7428,
16.0693

■ 29.2940, 10.7011,
-25.6908

■ 66.7590, -7.7692,
18.6284

Harmonies

Analogous

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



46.9070, 1.0318, -4.3034



47.1350, 1.9054, -4.5034



47.2600, 2.3368, -2.8590

Triad

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



47.1350, 1.9054, -4.5034



48.1360, 0.4260, 3.3887



47.7290, -2.3314, 1.1147

Complementary

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



47.1350, 1.9054, -4.5034



45.8650, -1.9054, 4.5034

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.



47.7400, -2.3368, 2.8590



47.1350, 1.9054, -4.5034



48.2070, -0.5951, 4.2035

Square

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



47.1350, 1.9054, -4.5034



48.3530, 1.3050, 1.4444



47.9790, -1.4686, 4.4034



47.5330, -1.7418, -1.3444

Rectangle

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



47.1350, 1.9054, -4.5034



47.9720, 2.4788, -1.7294



47.9790, -1.4686, 4.4034



48.0280, -2.4788, 1.7294

Sweetspot

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



47.1350, 1.9054, -4.5034



65.1030, 0.4422, -1.8443



47.5110, -1.7309, -4.8331



32.4020, 0.2948, -1.2296



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



47.1350, 1.9054, -4.5034



60.0530, 2.9319, -7.0625



44.7870, 3.0630, -2.4442



24.5160, 0.7316, -1.3295



50.6490, 18.9070, -44.4192



123.9410, 45.8781, -108.6963

Inverse Universe

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



45.4890, 1.7309, 4.8331



57.4400, 2.7411, 7.5071



48.2130, -3.0630, 2.4442



24.1250, 0.4314, 1.6444



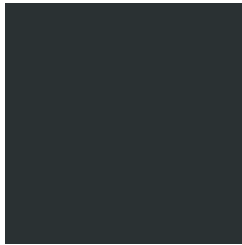
34.4770, 17.0198, 47.8167



84.1490, 41.8315, 116.5103

Previews

White Background



This preview shows how the YUV color 47.1350, 1.9054, -4.5034 looks on a white background.

Color Contrast Check

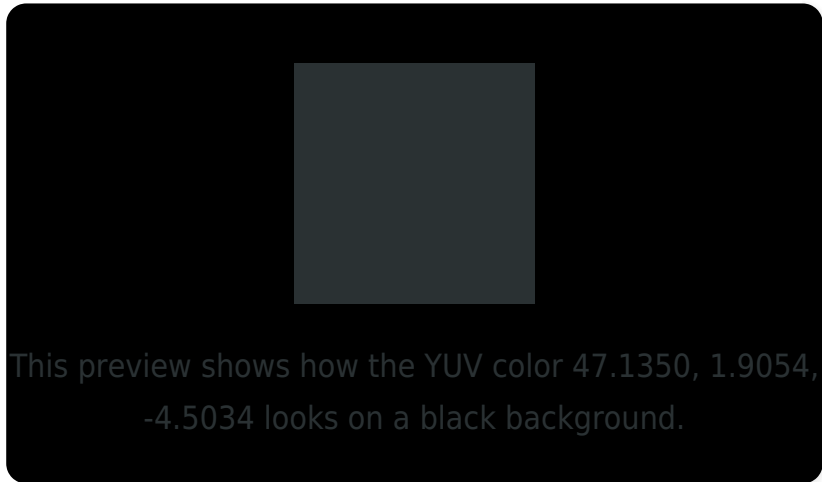
Large Text (above 18pt) WCAG AA ✓ Pass

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

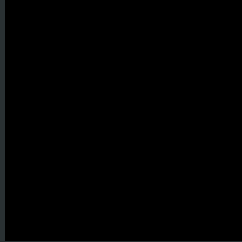
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

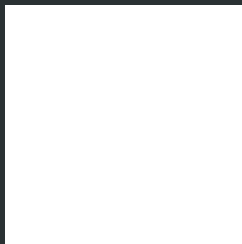
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.1350, 1.9054, -4.5034

Background



This preview shows how black text looks on a background with the YUV color 47.1350, 1.9054, -4.5034.



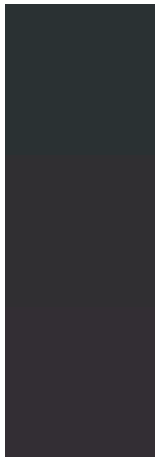
This preview shows how white text looks on a background with the YUV color 47.1350, 1.9054,

-4.5034.

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

47.1350, 1.9054, -4.5034

Protanopia

47.6410, 1.1630, 0.3148

Deuteranopia

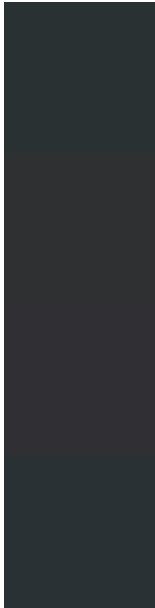
48.1790, 1.8838, 2.4740



Tritanopia

47.3630, 2.7790, -4.7034

Trichromacy



Original Color

47.1350, 1.9054, -4.5034

Protanomaly

47.6300, 1.1684, -1.4295

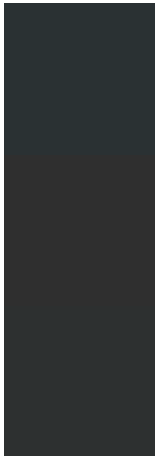
Deuteranomaly

47.8690, 2.0366, 0.1149

Tritanomaly

47.2490, 2.3422, -4.6034

Monochromacy



Original Color

47.1350, 1.9054, -4.5034

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1350, 1.9054, -4.5034 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(42, 49, 51)` looks like.

```
.text, #text, p{  
    color:rgb(42, 49, 51)  
}
```

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(42, 49, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 49, 51) }
```

Border

The CSS property to change the border of an element to YUV 47.1350, 1.9054, -4.5034 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(42, 49, 51) }
```


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

```
.border{ border-color:rgb(42, 49, 51) }
```

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

Here you see how a box with a 4 pixel rgb(42, 49, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 49, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 49, 51);  
box-shadow:4px 4px 4px 4px rgb(42, 49, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1350, 1.9054, -4.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 49, 51) }
```

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

```
.background{ background-color: rgb(42, 49,  
51) }
```

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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