

Converting Colors

YUV(47.9350, -1.4470, -2.5740)

Have a look what the booklet for
YUV(47.9350, -1.4470, -2.5740)
contains.

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Color

**YUV(47.9350, -1.4470,
-2.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	2D322D
RGB	45, 50, 45
RGB Percent	18%, 20%, 18%
CMY	0.8235, 0.8039, 0.8235
CMYK	0.10, 0.00, 0.10, 0.80
HSL	120°, 5%, 19%
HSV	120°, 10%, 20%
XYZ	2.6964, 3.0286, 2.9251
YIQ	47.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

Format	Color
RYB	45, 50, 50
Decimal	2961965
CIELab	20.16, -3.36, 2.44
CIELCh	20, 4.152, 143.980
Yxy	3.0286, 0.3117, 0.3501
Android (android.graphics.Color)	4281152045 (0xFF2D322D)
YUV	47.9350, -1.4470, -2.5740
Hunter-Lab	17.4027, -2.7974, 2.2164

Details

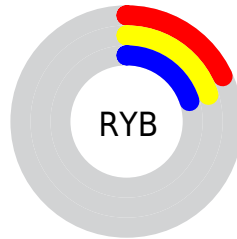
The YUV color **47.9350, -1.4470, -2.5740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.0650, 1.4470, 2.5740**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9350, -1.4470, -2.5740**, and **0.5870, -0.2894, -0.5148** is the 20% darker color. If you saturate the color by 10%, you get **45.8700, -2.8939, -5.1480**, and if you desaturate by 10%, it is **50.0000, 0.0000, 0.0000**.

Distribution



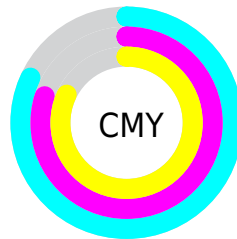
- Red (18%)
- Green (20%)
- Blue (18%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9350, -1.4470, -2.5740 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 47.9350, -1.4470, -2.5740 by changing the saturation by 10% instead.

■ 47.9350, -1.4470,
-2.5740

■ 47.9350, -1.4470,
-2.5740

255.0000, 0.0000,
0.0000

■ 26.9350, -1.4470,
-2.5740

■ 93.9350, -1.4470,
-2.5740

■ 0.5870, -0.2894,
-0.5148

■ 118.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 144.5220, -1.7363,
-3.0888

■ 170.5220, -1.7363,
-3.0888

■ 198.1090, -2.0257,
-3.6036

■ 226.1090, -2.0257,

-3.6036

253.3480, -1.1576,
-2.0592

47.9350, -1.4470,
-2.5740

47.9350, -1.4470,
-2.5740

45.8700, -2.8939,
-5.1480

50.0000, 0.0000,
0.0000

43.8050, -4.3409,
-7.7220

52.0650, 1.4470,
2.5740

41.7400, -5.7878,
-10.2960

54.1300, 2.8939,
5.1480

39.6750, -7.2348,
-12.8700

56.1950, 4.3409,
7.7220

37.6100, -8.6817,
-15.4440

58.2600, 5.7878,
10.2960

■ 35.5450, -10.1287,
-18.0180

■ 60.3250, 7.2348,
12.8700

■ 33.4800, -11.5756,
-20.5920

■ 62.3900, 8.6817,
15.4440

■ 31.4150, -13.0226,
-23.1660

■ 64.4550, 10.1287,
18.0180

■ 29.3500, -14.4695,
-25.7399

■ 66.5200, 11.5756,
20.5920

Harmonies

Analogous

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



48.0170, -2.4734, -0.0149



47.9350, -1.4470, -2.5740



47.3800, 0.3057, -4.7183

Triad

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



47.9350, -1.4470, -2.5740



48.4880, 3.2104, -3.0590



49.2780, -1.6161, 5.0182

Complementary

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



47.9350, -1.4470, -2.5740



47.0650, 1.4470, 2.5740

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.



49.6200, -0.3057, 4.7183



47.9350, -1.4470, -2.5740



48.9830, 2.4734, 0.0149

Square

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



47.9350, -1.4470, -2.5740



47.9500, 2.4896, -5.2182



49.0650, 1.4470, 2.5740



48.7510, -2.3422, 4.6034

Rectangle

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



47.9350, -1.4470, -2.5740



47.3090, 1.3267, -5.5330



49.0650, 1.4470, 2.5740



49.3920, -1.1793, 4.9182

Sweetspot

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



47.9350, -1.4470, -2.5740



63.1740, -0.5788, -1.0296



49.4300, -2.1840, 0.4999



32.5870, -0.2894, -0.5148



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.



47.9350, -1.4470, -2.5740



60.6960, -2.3151, -4.1184



48.2770, -0.1366, -2.8739



24.7610, -0.8682, -1.5444



52.2430, -25.7558, -45.8171



127.3790, -62.7978, -111.7114

Inverse Universe

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



47.0650, 1.4470, 2.5740



59.3040, 2.3151, 4.1184



46.8370, 0.5734, 2.7740



24.2390, 0.8682, 1.5444



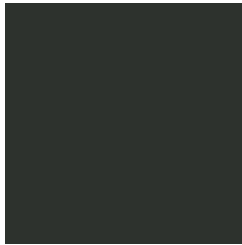
36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 47.9350, -1.4470, -2.5740 looks on a white background.

Color Contrast Check

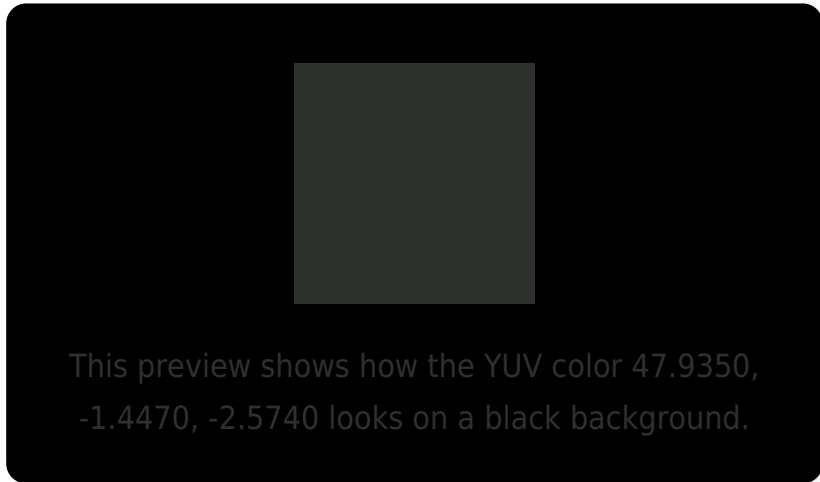
Large Text (above 18pt) WCAG AA ✓ Pass

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

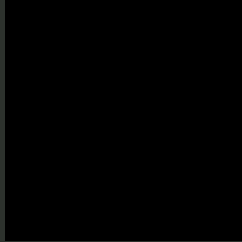
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9350, -1.4470, -2.5740

Background



This preview shows how black text looks on a background with the YUV color 47.9350, -1.4470, -2.5740.



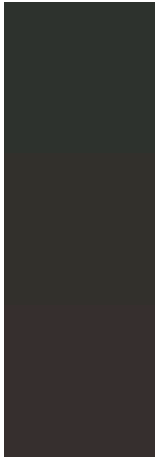
This preview shows how white text looks on a background with the YUV color 47.9350, -1.4470, -2.5740.

-2.5740.

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

47.9350, -1.4470, -2.5740

Protanopia

48.1420, -2.0420, 1.6295

Deuteranopia

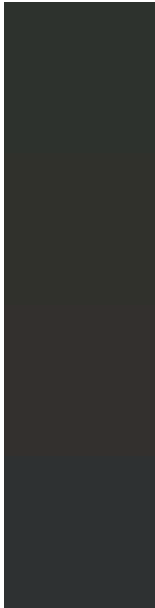
48.9790, -1.4686, 4.4034



Tritanopia

48.5590, 2.1894, -2.2442

Trichromacy



Original Color

47.9350, -1.4470, -2.5740

Protanomaly

48.1310, -2.0366, -0.1149

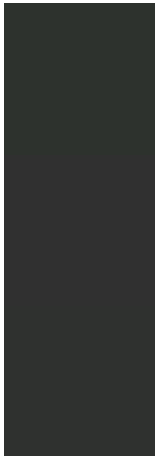
Deuteranomaly

48.6690, -1.3158, 2.0443

Tritanomaly

48.2170, 0.8790, -1.9443

Monochromacy



Original Color

47.9350, -1.4470, -2.5740

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9350, -1.4470, -2.5740 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(45, 50, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 50, 45)  
}
```

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(45, 50, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 50, 45) }
```

Border

The CSS property to change the border of an element to YUV 47.9350, -1.4470, -2.5740 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(45, 50, 45) }
```


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

```
.border{ border-color:rgb(45, 50, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 50, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 50, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 50, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 50, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9350, -1.4470, -2.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 50, 45) }
```

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

```
.background{ background-color: rgb(45, 50,  
45) }
```

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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