

Converting Colors

YUV(54.7950, -5.8149, -1.5742)

Have a look what the booklet for
YUV(54.7950, -5.8149, -1.5742)
contains.

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Color

**YUV(54.7950, -5.8149,
-1.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	353A2B
RGB	53, 58, 43
RGB Percent	21%, 23%, 17%
CMY	0.7922, 0.7725, 0.8314
CMYK	0.09, 0.00, 0.26, 0.77
HSL	80°, 15%, 20%
HSV	80°, 26%, 23%
XYZ	3.4173, 3.9574, 2.8692
YIQ	54.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

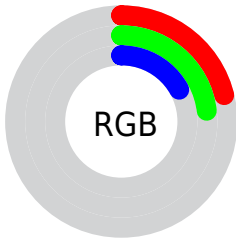
Format	Color
RYB	43, 58, 48
Decimal	3488299
CIELab	23.53, -5.36, 8.64
CIELCh	24, 10.169, 121.829
Yxy	3.9574, 0.3336, 0.3863
Android (android.graphics.Color)	4281678379 (0xFF353A2B)
YUV	54.7950, -5.8149, -1.5742
Hunter-Lab	19.8933, -4.1501, 5.3738

Details

The YUV color **54.7950, -5.8149, -1.5742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.2050, 5.8149, 1.5742**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5670, -6.6885, -1.3743**, and **11.1860, -5.5147, -4.5481** is the 20% darker color. If you saturate the color by 10%, you get **53.5130, -8.1409, -2.2039**, and if you desaturate by 10%, it is **56.0770, -3.4890, -0.9445**.

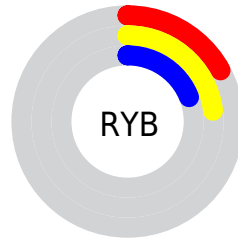
Distribution



Red (21%)

Green (23%)

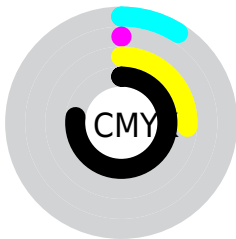
Blue (17%)



Red (17%)

Yellow (23%)

Blue (19%)

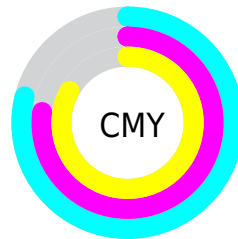


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7950, -5.8149, -1.5742 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 54.7950, -5.8149, -1.5742 by changing the saturation by 10% instead.

■ 54.7950, -5.8149,
-1.5742

■ 54.7950, -5.8149,
-1.5742

255.0000, 0.0000,
0.0000

■ 33.2080, -5.5255,
-1.0594

■ 101.5670, -6.6885,
-1.3743

■ 11.1860, -5.5147,
-4.5481

■ 126.5670, -6.6885,
-1.3743

■ 0.0000, 0.0000,
0.0000

■ 152.4530, -7.1253,
-1.2743

■ 179.1540, -6.9779,
-1.8891

■ 207.0400, -7.4147,
-1.7891

■ 235.0400, -7.4147,

-1.7891

254.2020, -3.0576,
0.6998

■ 54.7950, -5.8149,
-1.5742

■ 54.7950, -5.8149,
-1.5742

■ 53.5130, -8.1409,
-2.2039

■ 56.0770, -3.4890,
-0.9445

■ 52.2310, -10.4669,
-2.8336

■ 57.3590, -1.1630,
-0.3148

■ 51.0630, -12.3561,
-3.5633

■ 58.5270, 0.7262,
0.4148

■ 49.7810, -14.6820,
-4.1929

■ 59.8090, 3.0522,
1.0445

■ 48.4990, -17.0080,
-4.8226

■ 61.0910, 5.3781,
1.6742

■ 47.2170, -19.3340,
-5.4523

■ 62.3730, 7.7041,
2.3039

■ 45.9350, -21.6600,
-6.0820

■ 63.6550, 10.0301,
2.9336

■ 45.7070, -22.5336,
-5.8820

■ 64.5240, 12.0667,
3.0485

■ 65.8060, 14.3926,
3.6781

Harmonies

Analogous

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



55.7850, -7.2890, 4.5736



54.7950, -5.8149, -1.5742



53.9620, -2.4463, -8.7367

Triad

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



54.7950, -5.8149, -1.5742



54.1600, 7.3161, -13.2953



57.5500, -0.7641, 11.7957

Complementary

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



54.7950, -5.8149, -1.5742



46.2050, 5.8149, 1.5742

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.



57.4400, 2.7411, 7.5071



54.7950, -5.8149, -1.5742



55.9050, 7.4418, -6.9327

Square

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



54.7950, -5.8149, -1.5742



52.9810, 5.4324, -15.7693



56.9060, 5.9623, 0.9594



56.6380, -4.2585, 12.5955

Rectangle

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



54.7950, -5.8149, -1.5742



53.0370, 0.4748, -12.3104



56.9060, 5.9623, 0.9594



57.4790, 0.2569, 10.9809

Sweetspot

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



54.7950, -5.8149, -1.5742



75.3050, -2.6154, -1.1445



50.4200, -3.6581, 6.6477



37.2450, -1.5998, -0.2149



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



54.7950, -5.8149, -1.5742



71.8720, -9.3039, -2.5187



52.7020, -4.7831, -5.8777



27.3590, -1.1630, -0.3148



72.2430, -35.6158, -9.8601



172.2070, -84.8981, -22.9835

Inverse Universe

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



46.2050, 5.8149, 1.5742



58.1280, 9.3039, 2.5187



48.5970, 4.6357, 6.4924



25.6410, 1.1630, 0.3148



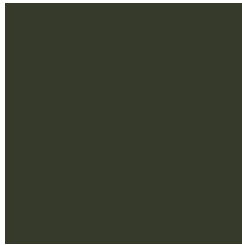
19.7570, 35.6158, 9.8601



46.7930, 84.8981, 22.9835

Previews

White Background



This preview shows how the YUV color 54.7950, -5.8149, -1.5742 looks on a white background.

Color Contrast Check

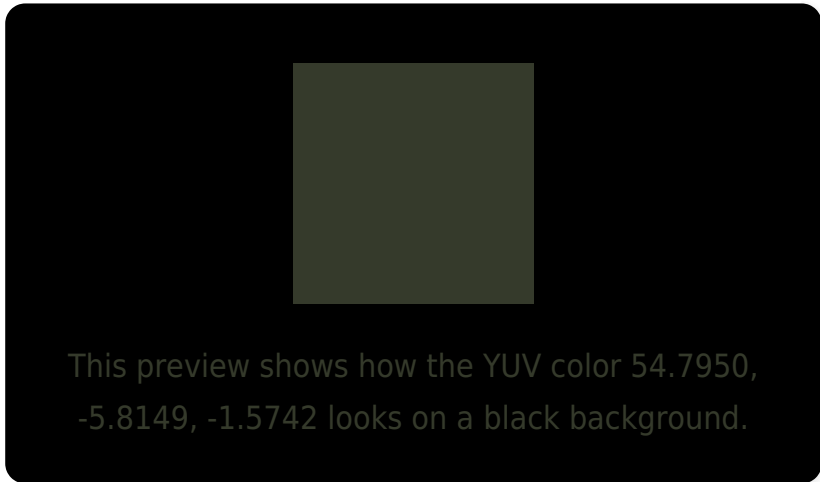
Large Text (above 18pt) WCAG AA ✓ Pass

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

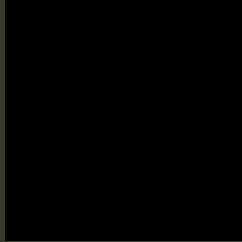
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7950, -5.8149, -1.5742

Background



This preview shows how black text looks on a background with the YUV color 54.7950, -5.8149, -1.5742.



This preview shows how white text looks on a background with the YUV color 54.7950, -5.8149,

-1.5742.

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

54.7950, -5.8149, -1.5742

Protanopia

55.6000, -6.7048, 3.8588

Deuteranopia

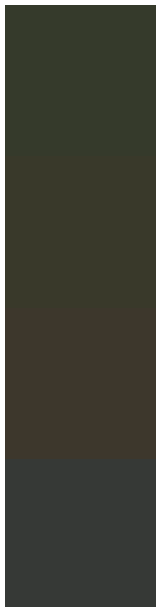
56.1490, -5.9895, 7.7623



Tritanopia

56.1570, 1.8946, -1.0147

Trichromacy



Original Color

54.7950, -5.8149, -1.5742

Protanomaly

55.2900, -6.5520, 1.4997

Deuteranomaly

55.5400, -5.6892, 4.7884

Tritanomaly

55.7610, -0.8682, -1.5444

Monochromacy



Original Color

54.7950, -5.8149, -1.5742

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7950, -5.8149, -1.5742 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(53, 58, 43)` looks like.

```
.text, #text, p{  
    color:rgb(53, 58, 43)  
}
```

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(53, 58, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 58, 43) }
```

Border

The CSS property to change the border of an element to YUV 54.7950, -5.8149, -1.5742 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(53, 58, 43) }
```


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

```
.border{ border-color:rgb(53, 58, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 58, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 58, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 58, 43);  
box-shadow:4px 4px 4px 4px rgb(53, 58, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7950, -5.8149, -1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 58, 43) }
```

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

```
.background{ background-color: rgb(53, 58,  
43) }
```

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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