

Converting Colors

YUV(43.7750, 4.5479, -12.0807)

Have a look what the booklet for
YUV(43.7750, 4.5479, -12.0807)
contains.

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Color

**YUV(43.7750, 4.5479,
-12.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3135
RGB	30, 49, 53
RGB Percent	12%, 19%, 21%
CMY	0.8824, 0.8078, 0.7922
CMYK	0.43, 0.08, 0.00, 0.79
HSL	190°, 28%, 16%
HSV	190°, 43%, 21%
XYZ	2.2763, 2.7297, 3.7751
YIQ	43.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

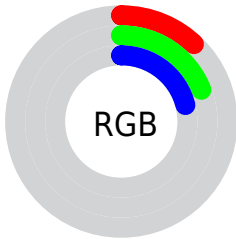
Format	Color
RYB	30, 40, 53
Decimal	1978677
CIELab	18.93, -6.42, -5.00
CIElCh	19, 8.138, 217.876
Yxy	2.7297, 0.2592, 0.3109
Android (android.graphics.Color)	4280168757 (0xFF1E3135)
YUV	43.7750, 4.5479, -12.0807
Hunter-Lab	16.5218, -4.3197, -1.9820

Details

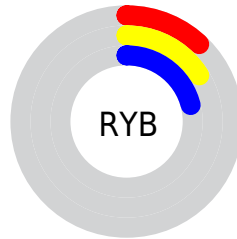
The YUV color **43.7750, 4.5479, -12.0807** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.2250, -4.5479, 12.0807**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4760, 4.6953, -12.6955**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **41.6930, 5.5744, -14.6398**, and if you desaturate by 10%, it is **45.8570, 3.5215, -9.5216**.

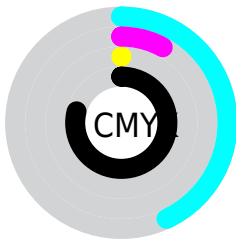
Distribution



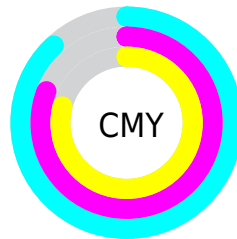
- Red (12%)
- Green (19%)
- Blue (21%)



- Red (12%)
- Yellow (16%)
- Blue (21%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (79%)



- Cyan (88%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.7750, 4.5479, -12.0807 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 43.7750, 4.5479, -12.0807 by changing the saturation by 10% instead.

■ 43.7750, 4.5479,
-12.0807

■ 43.7750, 4.5479,
-12.0807

■ 255.0000, 0.0000,
0.0000

■ 22.7750, 4.5479,
-12.0807

■ 89.4760, 4.6953,
-12.6955

■ 0.9120, 3.4944,
-0.7998

■ 114.1770, 4.8427,
-13.3102

■ 0.0000, 0.0000,
0.0000

■ 139.8780, 4.9901,
-13.9250

■ 166.2910, 5.2795,
-13.4102

■ 192.9920, 5.4269,
-14.0250

■ 220.9920, 5.4269,

-14.0250

■ 248.4220, 3.2430,
-13.5251

■ 43.7750, 4.5479,
-12.0807

■ 43.7750, 4.5479,
-12.0807

■ 41.6930, 5.5744,
-14.6398

■ 45.8570, 3.5215,
-9.5216

■ 39.3120, 6.7482,
-17.8136

■ 48.2380, 2.3477,
-6.3477

■ 37.2300, 7.7746,
-20.3727

■ 50.3200, 1.3212,
-3.7886

■ 35.1480, 8.8010,
-22.9318

■ 52.4020, 0.2948,
-1.2296

■ 33.0660, 9.8275,
-25.4909

■ 54.7830, -0.8790,
1.9443

■ 31.8700, 10.4171,
-27.9500

■ 56.8650, -1.9054,
4.5034

■ 58.3600, -2.6425,
7.5773

■ 60.4420, -3.6689,
10.1364

■ 62.8230, -4.8427,
13.3102

Harmonies

Analogous

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



43.3900, 1.7797, -10.8660



43.7750, 4.5479, -12.0807



44.8400, 5.9949, -9.5067

Triad

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



43.7750, 4.5479, -12.0807



46.9130, 2.0149, 7.0923



45.5290, -5.6838, 3.0441

Complementary

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



43.7750, 4.5479, -12.0807



39.2250, -4.5479, 12.0807

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.



45.9640, -5.4053, 7.0476



43.7750, 4.5479, -12.0807



47.1260, -1.0481, 9.5365

Square

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



43.7750, 4.5479, -12.0807



46.7490, 4.0677, 1.9741



47.0290, -3.9583, 9.6216



44.9520, -3.9203, -2.5889

Rectangle

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



43.7750, 4.5479, -12.0807



45.8620, 5.9840, -6.0180



47.0290, -3.9583, 9.6216



45.5400, -5.6892, 4.7884

Sweetspot

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



43.7750, 4.5479, -12.0807



65.1350, 1.9054, -4.5034



43.9570, -4.9088, -12.2403



33.6190, 1.1738, -3.1739



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.



43.7750, 4.5479, -12.0807



54.7140, 7.0430, -19.0432



37.3180, 7.7312, -6.4179



24.5160, 0.7316, -1.3295



53.5840, 17.4601, -46.9932



129.8110, 42.9842, -113.8442

Inverse Universe

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



39.0430, 4.9088, 12.2403



47.1840, 7.7973, 19.1326



45.6820, -7.7312, 6.4179



24.1250, 0.4314, 1.6444



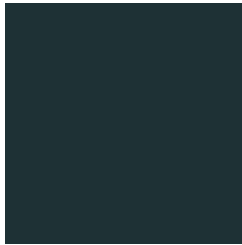
35.0470, 19.2038, 47.3168



85.2890, 46.1995, 115.5105

Previews

White Background



This preview shows how the YUV color 43.7750, 4.5479, -12.0807 looks on a white background.

Color Contrast Check

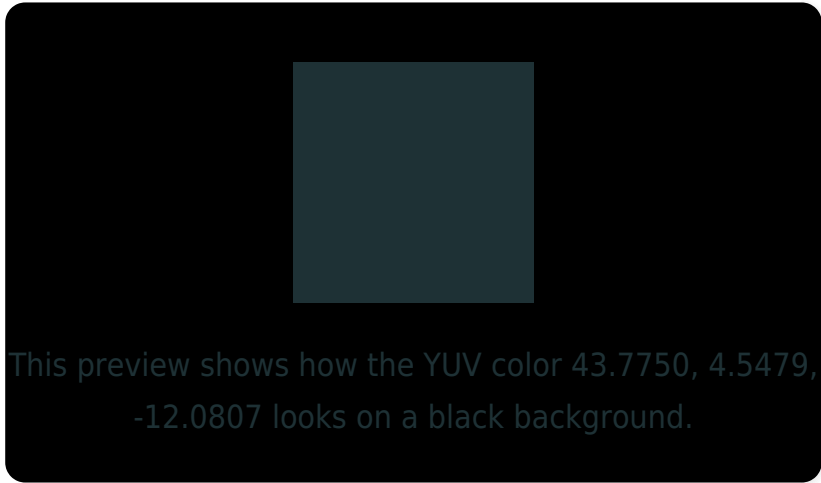
Large Text (above 18pt) WCAG AA ✓ Pass

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

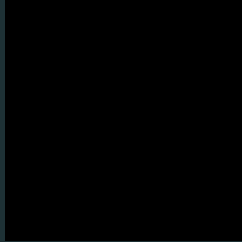
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.7750, 4.5479, -12.0807

Background



This preview shows how black text looks on a background with the YUV color 43.7750, 4.5479, -12.0807.



This preview shows how white text looks on a background with the YUV color 43.7750, 4.5479, -12.0807.

-12.0807.

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

43.7750, 4.5479, -12.0807

Protanopia

46.2710, 2.3314, -1.1147

Deuteranopia

46.6240, 3.6364, 0.3298



Tritanopia

43.7750, 4.5479, -12.0807

Trichromacy



Original Color

43.7750, 4.5479, -12.0807

Protanomaly

45.4770, 3.2158, -4.8033

Deuteranomaly

45.4170, 4.2314, -3.8737

Tritanomaly

43.7750, 4.5479, -12.0807

Monochromacy



Original Color

43.7750, 4.5479, -12.0807

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7750, 4.5479, -12.0807 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(30, 49, 53)` looks like.

```
.text, #text, p{  
    color:rgb(30, 49, 53)  
}
```

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(30, 49, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 49, 53) }
```

Border

The CSS property to change the border of an element to YUV 43.7750, 4.5479, -12.0807 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(30, 49, 53) }
```


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

```
.border{ border-color:rgb(30, 49, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 49, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 49, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 49, 53);  
box-shadow:4px 4px 4px 4px rgb(30, 49, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.7750, 4.5479, -12.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 49, 53) }
```

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

```
.background{ background-color: rgb(30, 49,  
53) }
```

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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