

Converting Colors

YUV(52.4390, 0.7696, -13.5400)

Have a look what the booklet for
YUV(52.4390, 0.7696, -13.5400)
contains.

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Color

**YUV(52.4390, 0.7696,
-13.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	253C36
RGB	37, 60, 54
RGB Percent	15%, 24%, 21%
CMY	0.8549, 0.7647, 0.7882
CMYK	0.38, 0.00, 0.10, 0.76
HSL	164°, 24%, 19%
HSV	164°, 38%, 24%
XYZ	3.0447, 3.8914, 4.0807
YIQ	52.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

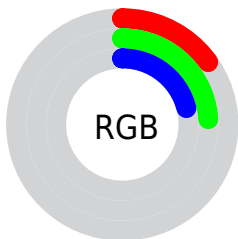
Format	Color
R_{YB}	37, 50, 60
Decimal	2440246
CIE _{Lab}	23.31, -10.64, 0.84
CIE _{LCh}	23, 10.674, 175.463
Yxy	3.8914, 0.2764, 0.3532
Android (android.graphics.Color)	4280630326 (0xFF253C36)
YUV	52.4390, 0.7696, -13.5400
Hunter-Lab	19.7266, -6.9712, 1.5438

Details

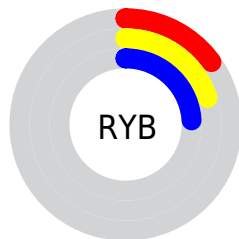
The YUV color **52.4390, 0.7696, -13.5400** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44.5610, -0.7696, 13.5400**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1400, 0.9170, -14.1548**, and **11.7060, -0.8411, -10.2662** is the 20% darker color. If you saturate the color by 10%, you get **50.4170, 0.7804, -17.0287**, and if you desaturate by 10%, it is **54.4610, 0.7587, -10.0513**.

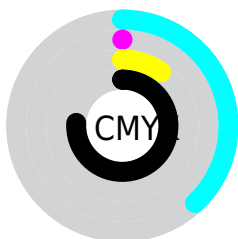
Distribution



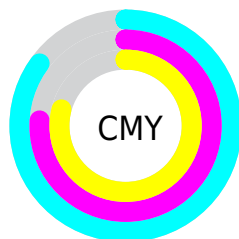
- Red (15%)
- Green (24%)
- Blue (21%)



- Red (15%)
- Yellow (20%)
- Blue (24%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (85%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4390, 0.7696, -13.5400 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 52.4390, 0.7696, -13.5400 by changing the saturation by 10% instead.

■ 52.4390, 0.7696,
-13.5400

■ 52.4390, 0.7696,
-13.5400

■ 255.0000, 0.0000,
0.0000

■ 30.8520, 1.0590,
-13.0252

■ 99.1400, 0.9170,
-14.1548

■ 11.7060, -0.8411,
-10.2662

■ 124.4280, 0.7750,
-15.2844

■ 0.0000, 0.0000,
0.0000

■ 150.3140, 0.3382,
-15.1844

■ 177.0150, 0.4856,
-15.7992

■ 204.7160, 0.6330,
-16.4139

■ 232.7160, 0.6330,

-16.4139

251.1130, 1.9163,
-7.9921

52.4390, 0.7696,
-13.5400

52.4390, 0.7696,
-13.5400

50.4170, 0.7804,
-17.0287

54.4610, 0.7587,
-10.0513

48.5090, 1.2281,
-20.6174

56.3690, 0.3111,
-6.4626

46.4870, 1.2389,
-24.1061

58.3910, 0.3002,
-2.9739

44.5790, 1.6866,
-27.6948

60.2990, -0.1474,
0.6148

42.5570, 1.6974,
-31.1835

62.3210, -0.1583,
4.1035

■ 40.6490, 2.1450,
-34.7722

■ 64.2290, -0.6059,
7.6922

■ 40.2360, 1.8557,
-35.2870

■ 66.2510, -0.6167,
11.1809

■ 68.2730, -0.6276,
14.6696

■ 70.1810, -1.0752,
18.2583

Harmonies

Analogous

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



53.3320, -3.6147, -7.3072



52.4390, 0.7696, -13.5400



52.1550, 4.8536, -16.7989

Triad

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



52.4390, 0.7696, -13.5400



56.1230, 6.8414, -0.9849



56.0570, -6.4371, 11.3510

Complementary

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



52.4390, 0.7696, -13.5400



44.5610, -0.7696, 13.5400

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.



56.4640, -3.6798, 13.6251



52.4390, 0.7696, -13.5400



56.7820, 4.0515, 7.2072

Square

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



52.4390, 0.7696, -13.5400



54.7090, 8.0315, -9.3918



57.0770, -0.0380, 12.2105



55.6820, -7.7312, 6.4179

Rectangle

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



52.4390, 0.7696, -13.5400



52.4370, 7.1796, -16.1692



57.0770, -0.0380, 12.2105



55.9970, -5.4215, 12.2806

Sweetspot

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



52.4390, 0.7696, -13.5400



76.0810, 0.4531, -5.3330



52.2950, -7.5404, -8.1517



38.9780, 0.0108, -3.4887



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



52.4390, 0.7696, -13.5400



67.2100, 1.3755, -21.2322



50.1880, 4.8373, -11.5659



29.9890, 0.0054, -1.7444



63.1580, 3.3731, -55.3896



149.0100, 7.3901, -130.6818

Inverse Universe

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



44.5610, -0.7696, 13.5400



54.7900, -1.3755, 21.2322



46.8120, -4.8373, 11.5659



28.8970, -0.4422, 1.8443



30.9560, -2.9363, 55.2896



72.9900, -7.3901, 130.6818

Previews

White Background



This preview shows how the YUV color 52.4390, 0.7696, -13.5400 looks on a white background.

Color Contrast Check

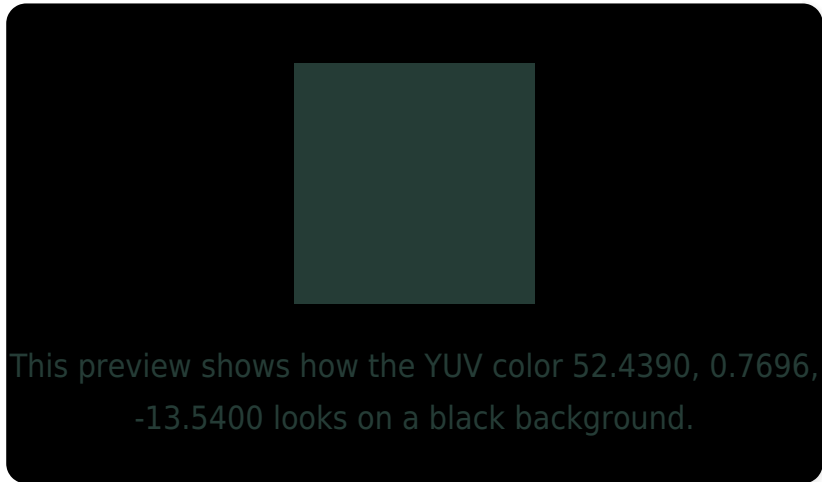
Large Text (above 18pt) WCAG AA ✓ Pass

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

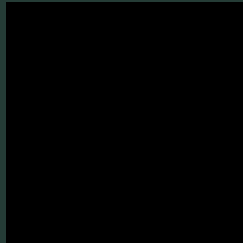
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4390, 0.7696, -13.5400

Background



This preview shows how black text looks on a background with the YUV color 52.4390, 0.7696, -13.5400.



This preview shows how white text looks on a background with the YUV color 52.4390, 0.7696, -13.5400.

-13.5400.

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

52.4390, 0.7696, -13.5400

Protanopia

55.1420, -2.0420, 1.6295

Deuteranopia

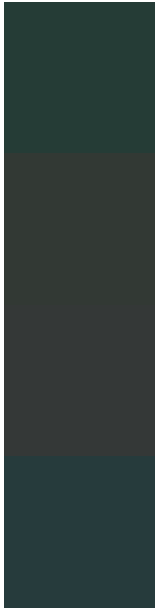
56.2070, -0.5951, 4.2035



Tritanopia

53.4760, 4.6953, -12.6955

Trichromacy



Original Color

52.4390, 0.7696, -13.5400

Protanomaly

54.3370, -1.1521, -3.8035

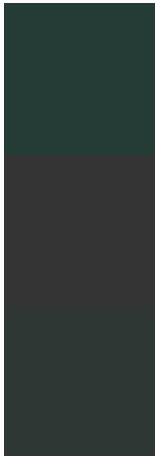
Deuteranomaly

54.6900, 0.1528, -2.3591

Tritanomaly

52.8350, 3.5323, -13.0103

Monochromacy



Original Color

52.4390, 0.7696, -13.5400

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3800, 0.3057, -4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4390, 0.7696, -13.5400 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(37, 60, 54)` looks like.

```
.text, #text, p{  
    color:rgb(37, 60, 54)  
}
```

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(37, 60, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 60, 54) }
```

Border

The CSS property to change the border of an element to YUV 52.4390, 0.7696, -13.5400 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(37, 60, 54) }
```


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

```
.border{ border-color:rgb(37, 60, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 60, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 60, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 60, 54);  
box-shadow:4px 4px 4px 4px rgb(37, 60, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4390, 0.7696, -13.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 60, 54) }
```

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

```
.background{ background-color: rgb(37, 60,  
54) }
```

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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