

Converting Colors

YUV(56.6640, -7.2294, -14.6143)

Have a look what the booklet for
YUV(56.6640, -7.2294, -14.6143)
contains.

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Color

**YUV(56.6640, -7.2294,
-14.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	28442A
RGB	40, 68, 42
RGB Percent	16%, 27%, 16%
CMY	0.8431, 0.7333, 0.8353
CMYK	0.41, 0.00, 0.38, 0.73
HSL	124°, 26%, 21%
HSV	124°, 41%, 27%
XYZ	3.3601, 4.7525, 2.9307
YIQ	56.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

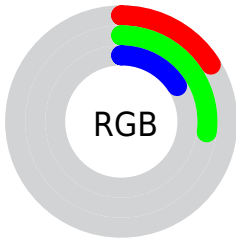
Format	Color
RYB	40, 66, 68
Decimal	2638890
CIELab	26.02, -17.01, 12.51
CIElCh	26, 21.114, 143.677
Yxy	4.7525, 0.3043, 0.4304
Android (android.graphics.Color)	4280828970 (0xFF28442A)
YUV	56.6640, -7.2294, -14.6143
Hunter-Lab	21.8003, -10.6380, 7.2896

Details

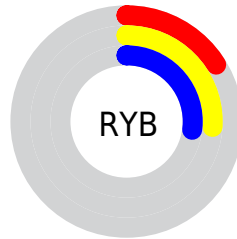
The YUV color **56.6640, -7.2294, -14.6143** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **51.3360, 7.2294, 14.6143**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1370, -7.9555, -15.0291**, and **15.2620, -7.5242, -13.3848** is the 20% darker color. If you saturate the color by 10%, you get **53.8870, -8.8183, -18.3179**, and if you desaturate by 10%, it is **59.4410, -5.6404, -10.9108**.

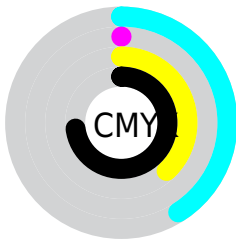
Distribution



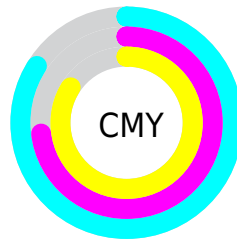
- Red (16%)
- Green (27%)
- Blue (16%)



- Red (16%)
- Yellow (26%)
- Blue (27%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (73%)



- Cyan (84%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.6640, -7.2294, -14.6143 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 56.6640, -7.2294, -14.6143 by changing the saturation by 10% instead.

■ 56.6640, -7.2294,
-14.6143

■ 56.6640, -7.2294,
-14.6143

255.0000, 0.0000,
0.0000

■ 34.7780, -6.7926,
-14.7143

■ 104.1370, -7.9555,
-15.0291

■ 15.2620, -7.5242,
-13.3848

■ 129.3110, -8.5343,
-16.0587

■ 0.0000, 0.0000,
0.0000

■ 155.8980, -8.8237,
-16.5735

■ 182.7840, -9.2605,
-16.4736

■ 210.3710, -9.5499,
-16.9884

■ 238.3710, -9.5499,

-16.9884

251.6960, -2.3151,
-4.1184

56.6640, -7.2294,
-14.6143

56.6640, -7.2294,
-14.6143

53.8870, -8.8183,
-18.3179

59.4410, -5.6404,
-10.9108

50.9960, -10.8440,
-21.9215

62.3320, -3.6147,
-7.3072

48.5180, -12.5804,
-25.0103

64.8100, -1.8783,
-4.2184

45.7410, -14.1693,
-28.7139

67.5870, -0.2894,
-0.5148

42.8500, -16.1950,
-32.3174

70.4780, 1.7363,
3.0888

■ 40.4860, -17.4946,
-35.5062

■ 73.2550, 3.3253,
6.7924

■ 76.0320, 4.9142,
10.4959

■ 78.6240, 7.0874,
13.4848

■ 81.4010, 8.6763,
17.1883

Harmonies

Analogous

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



59.3300, -13.9667, -0.2894



56.6640, -7.2294, -14.6143



52.1870, 2.8658, -32.6130

Triad

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



56.6640, -7.2294, -14.6143



56.8410, 17.8264, -24.4166



61.9710, -5.9017, 26.3354

Complementary

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



56.6640, -7.2294, -14.6143



51.3360, 7.2294, 14.6143

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.



63.1970, 1.3819, 23.5062



56.6640, -7.2294, -14.6143



62.3490, 14.1249, -3.8141

Square

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



56.6640, -7.2294, -14.6143



49.8340, 18.3228, -43.7044



63.6670, 8.5452, 12.5700



61.8150, -12.7268, 22.0872

Rectangle

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



56.6640, -7.2294, -14.6143



48.9560, 9.8817, -42.9344



63.6670, 8.5452, 12.5700



62.5410, -3.7177, 25.8355

Sweetspot

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



56.6640, -7.2294, -14.6143



84.8700, -2.8939, -5.1480



64.2100, -11.9355, 1.5698



43.2230, -1.5889, -3.7036



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



56.6640, -7.2294, -14.6143



71.5830, -11.1334, -22.4363



58.2600, -1.1142, -16.0140



31.7610, -0.8682, -1.5444



57.7370, -25.0133, -50.6353



133.3120, -57.8348, -116.9146

Inverse Universe

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



51.3360, 7.2294, 14.6143



63.4170, 11.1334, 22.4363



49.7400, 1.1142, 16.0140



31.2390, 0.8682, 1.5444



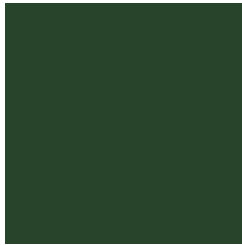
39.2630, 25.0133, 50.6353



90.6880, 57.8348, 116.9146

Previews

White Background



This preview shows how the YUV color 56.6640, -7.2294, -14.6143 looks on a white background.

Color Contrast Check

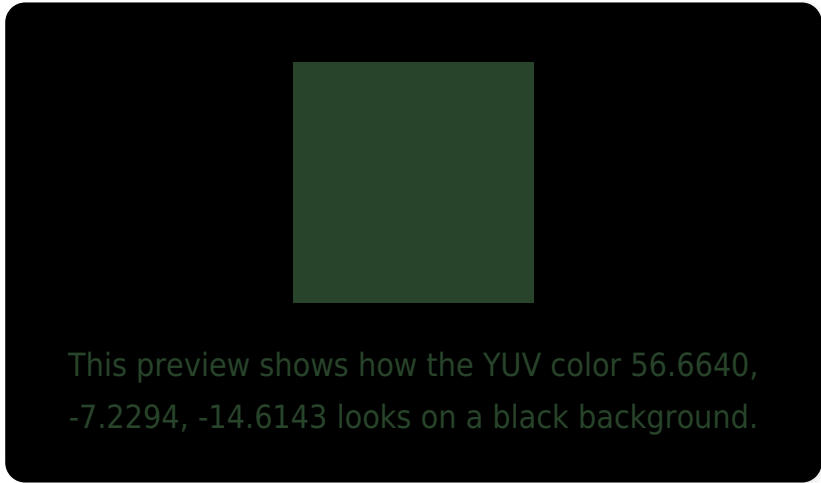
Large Text (above 18pt) WCAG AA ✓ Pass

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

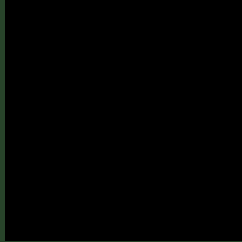
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.6640, -7.2294, -14.6143

Background



This preview shows how black text looks on a background with the YUV color 56.6640, -7.2294, -14.6143.



This preview shows how white text looks on a background with the YUV color 56.6640, -7.2294,

-14.6143.

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

56.6640, -7.2294, -14.6143

Protanopia

60.2860, -10.4940, 5.8882

Deuteranopia

61.4760, -8.6157, 10.1065



Tritanopia

59.8890, 4.9847, -12.1807

Trichromacy



Original Color

56.6640, -7.2294, -14.6143

Protanomaly

59.1710, -9.4513, -1.9040

Deuteranomaly

59.5350, -8.1518, 1.2848

Tritanomaly

58.7380, 0.6222, -12.9252

Monochromacy



Original Color

56.6640, -7.2294, -14.6143

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.6640, -7.2294, -14.6143 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(40, 68, 42)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 42)  
}
```

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(40, 68, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 42) }
```

Border

The CSS property to change the border of an element to YUV 56.6640, -7.2294, -14.6143 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(40, 68, 42) }
```


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

```
.border{ border-color:rgb(40, 68, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 68, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 42);  
box-shadow:4px 4px 4px 4px rgb(40, 68, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.6640, -7.2294, -14.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 42) }
```

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

```
.background{ background-color: rgb(40, 68,  
42) }
```

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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