

Converting Colors

YUV(42.8460, 0.0759, -24.4209)

Have a look what the booklet for
YUV(42.8460, 0.0759, -24.4209)
contains.

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Color

**YUV(42.8460, 0.0759,
-24.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	0F392B
RGB	15, 57, 43
RGB Percent	6%, 22%, 17%
CMY	0.9412, 0.7765, 0.8314
CMYK	0.74, 0.00, 0.25, 0.78
HSL	160°, 58%, 14%
HSV	160°, 74%, 22%
XYZ	2.0962, 3.2022, 2.7931
YIQ	42.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

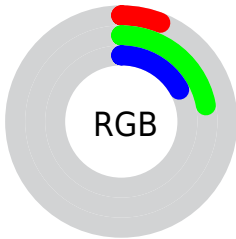
Format	Color
R_YB	15, 40, 57
Decimal	997675
CIE _{Lab}	20.84, -18.56, 4.53
CIE _{LCh}	21, 19.104, 166.295
Yxy	3.2022, 0.2591, 0.3958
Android (android.graphics.Color)	4279187755 (0xFF0F392B)
YUV	42.8460, 0.0759, -24.4209
Hunter-Lab	17.8948, -10.4066, 3.2720

Details

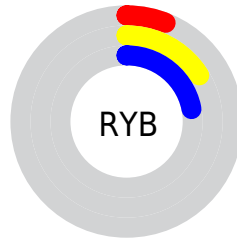
The YUV color **42.8460, 0.0759, -24.4209** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.1540, -0.0759, 24.4209**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9170, -0.9451, -23.6062**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **40.8240, 0.0868, -27.9096**, and if you desaturate by 10%, it is **44.8680, 0.0651, -20.9322**.

Distribution



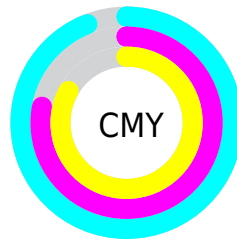
- Red (6%)
- Green (22%)
- Blue (17%)



- Red (6%)
- Yellow (16%)
- Blue (22%)



- Cyan (74%)
- Magenta (0%)
- Yellow (25%)
- Black (78%)



- Cyan (94%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.8460, 0.0759, -24.4209 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 42.8460, 0.0759, -24.4209 by changing the saturation by 10% instead.

■ 42.8460, 0.0759,
-24.4209

■ 42.8460, 0.0759,
-24.4209

■ 253.5050, 0.7370,
-3.0739

■ 23.1670, -0.0823,
-20.3175

■ 89.9170, -0.9451,
-23.6062

■ 3.5220, -1.7363,
-3.0888

■ 115.2050, -1.0871,
-24.7358

■ 0.0000, 0.0000,
0.0000

■ 141.0910, -1.5239,
-24.6358

■ 167.7920, -1.3765,
-25.2506

■ 195.0800, -1.5184,
-26.3802

■ 222.9660, -1.9552,

-26.2802

■ 244.0360, 1.9543,
-20.2026

■ 42.8460, 0.0759,
-24.4209

■ 42.8460, 0.0759,
-24.4209

■ 40.8240, 0.0868,
-27.9096

■ 44.8680, 0.0651,
-20.9322

■ 39.1010, -0.0498,
-30.7836

■ 46.5910, 0.2016,
-18.0583

■ 37.7910, 0.1030,
-33.1427

■ 48.6130, 0.1908,
-14.5696

■ 50.6350, 0.1799,
-11.0809

■ 52.6570, 0.1691,
-7.5922

■ 54.2660, -0.1311,
-4.6183

■ 56.2880, -0.1420,
-1.1296

■ 58.3100, -0.1528,
2.3591

■ 60.0330, -0.0163,
5.2331

Harmonies

Analogous

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



46.1700, -7.9718, -9.7961



42.8460, 0.0759, -24.4209



40.0710, 8.8390, -35.1423

Triad

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



42.8460, 0.0759, -24.4209



49.8000, 13.4096, -7.7176



50.2000, -9.9586, 20.8726

Complementary

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



42.8460, 0.0759, -24.4209



29.1540, -0.0759, 24.4209

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.



50.8180, -3.8543, 22.9616



42.8460, 0.0759, -24.4209



52.0470, 8.8508, 7.8518

Square

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



42.8460, 0.0759, -24.4209



43.4770, 16.5268, -27.6053



51.8050, 2.5611, 18.5880



49.3470, -12.9891, 12.8507

Rectangle

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



42.8460, 0.0759, -24.4209



40.9830, 12.3334, -35.9421



51.8050, 2.5611, 18.5880



50.6670, -8.2168, 22.2170

Sweetspot

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



42.8460, 0.0759, -24.4209



68.6460, 0.1745, -9.3365



43.8400, -14.2181, -13.0147



34.6680, 0.1637, -5.8478



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.



42.8460, 0.0759, -24.4209



52.0570, -0.0281, -37.7610



40.3330, 8.2168, -22.2170



26.9890, 0.0054, -1.7444



60.9580, 0.0207, -53.4602



145.1970, 0.3959, -127.3378

Inverse Universe

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



29.1540, -0.0759, 24.4209



30.9430, 0.0281, 37.7610



31.6670, -8.2168, 22.2170



26.0110, -0.0054, 1.7444



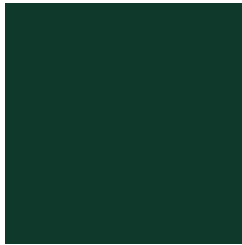
31.0420, -0.0207, 53.4602



73.8030, -0.3959, 127.3378

Previews

White Background



This preview shows how the YUV color 42.8460, 0.0759, -24.4209 looks on a white background.

Color Contrast Check

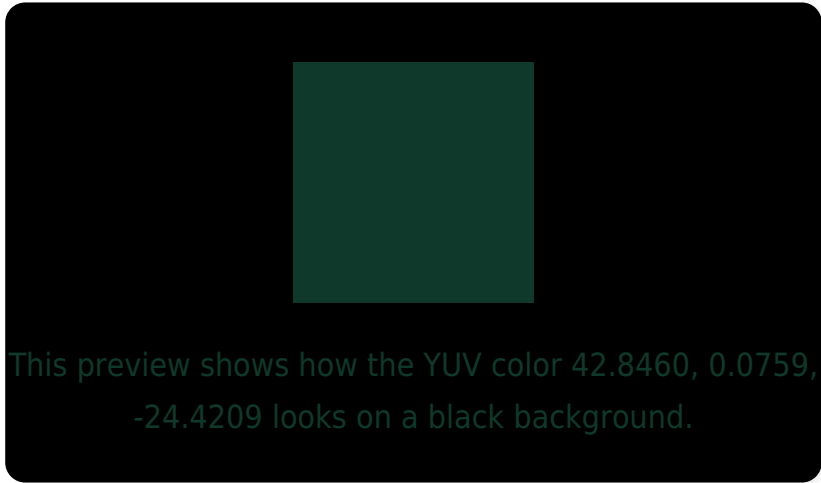
Large Text (above 18pt) WCAG AA ✓ Pass

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

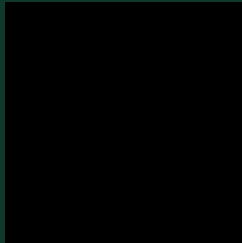
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8460, 0.0759, -24.4209

Background



This preview shows how black text looks on a background with the YUV color 42.8460, 0.0759, -24.4209.



This preview shows how white text looks on a background with the YUV color 42.8460, 0.0759, -24.4209.

-24.4209.

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

42.8460, 0.0759, -24.4209

Protanopia

49.7570, -4.8102, 2.8441

Deuteranopia

50.3490, -2.6371, 5.8329



Tritanopia

45.8880, 6.4642, -20.0728

Trichromacy



Original Color

42.8460, 0.0759, -24.4209

Protanomaly

47.4460, -3.1779, -7.4071

Deuteranomaly

47.5110, -1.7309, -4.8331

Tritanomaly

44.8940, 3.9963, -21.8320

Monochromacy



Original Color

42.8460, 0.0759, -24.4209

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9450, 0.0271, -8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8460, 0.0759, -24.4209 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(15, 57, 43)` looks like.

```
.text, #text, p{  
    color:rgb(15, 57, 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(15, 57, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 57, 43) }
```

Border

The CSS property to change the border of an element to YUV 42.8460, 0.0759, -24.4209 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(15, 57, 43) }
```


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

```
.border{ border-color:rgb(15, 57, 43) }
```

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

Here you see how a box with a 4 pixel rgb(15, 57, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 57, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 57, 43);  
box-shadow:4px 4px 4px 4px rgb(15, 57, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.8460, 0.0759, -24.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 57, 43) }
```

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

```
.background{ background-color: rgb(15, 57,  
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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