

Converting Colors

YUV(54.8640, -3.8770, -16.5437)

Have a look what the booklet for
YUV(54.8640, -3.8770, -16.5437)
contains.

YUV(54.8640, -3.8770, -16.5437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(54.8640, -3.8770,
-16.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	24422F
RGB	36, 66, 47
RGB Percent	14%, 26%, 18%
CMY	0.8588, 0.7412, 0.8157
CMYK	0.45, 0.00, 0.29, 0.74
HSL	142°, 29%, 20%
HSV	142°, 45%, 26%
XYZ	3.1889, 4.4767, 3.3853
YIQ	54.8640, -11.7810, -12.2690

Conversions

Conversions Part 2

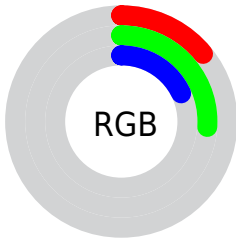
Format	Color
RYB	36, 58, 66
Decimal	2376239
CIELab	25.19, -16.27, 8.13
CIELCh	25, 18.190, 153.467
Yxy	4.4767, 0.2886, 0.4051
Android (android.graphics.Color)	4280566319 (0xFF24422F)
YUV	54.8640, -3.8770, -16.5437
Hunter-Lab	21.1583, -10.1245, 5.3243

Details

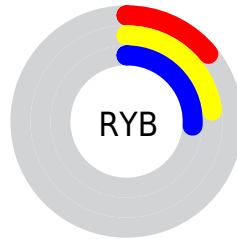
The YUV color **54.8640, -3.8770, -16.5437** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.1360, 3.8770, 16.5437**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0380, -4.4557, -17.5733**, and **14.0880, -6.9454, -12.3552** is the 20% darker color. If you saturate the color by 10%, you get **52.3150, -4.5923, -20.4473**, and if you desaturate by 10%, it is **57.4130, -3.1616, -12.6402**.

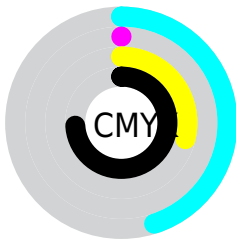
Distribution



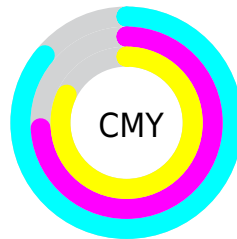
- Red (14%)
- Green (26%)
- Blue (18%)



- Red (14%)
- Yellow (23%)
- Blue (26%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8640, -3.8770, -16.5437 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 54.8640, -3.8770, -16.5437 by changing the saturation by 10% instead.

■ 54.8640, -3.8770,
-16.5437

■ 54.8640, -3.8770,
-16.5437

255.0000, 0.0000,
0.0000

■ 32.9780, -3.4402,
-16.6437

■ 102.0380, -4.4557,
-17.5733

■ 14.0880, -6.9454,
-12.3552

■ 127.6250, -4.7451,
-18.0881

■ 0.0000, 0.0000,
0.0000

■ 153.5110, -5.1819,
-17.9881

■ 180.2120, -5.0345,
-18.6029

■ 207.7990, -5.3239,
-19.1177

■ 236.3860, -5.6133,

-19.6325

250.9990, 1.4795,
-7.8921

54.8640, -3.8770,
-16.5437

54.8640, -3.8770,
-16.5437

52.3150, -4.5923,
-20.4473

57.4130, -3.1616,
-12.6402

50.0650, -5.4550,
-23.7360

59.6630, -2.2989,
-9.3515

47.4020, -6.6072,
-27.5396

62.3260, -1.1467,
-5.5479

45.1520, -7.4699,
-30.8283

64.5760, -0.2840,
-2.2592

42.6030, -8.1853,
-34.7318

67.1250, 0.4314,
1.6444

■ 41.4780, -8.6167,
-36.3762

■ 69.6740, 1.1467,
5.5479

■ 71.9240, 2.0095,
8.8367

■ 74.4730, 2.7248,
12.7402

■ 76.8370, 4.0244,
15.9290

Harmonies

Analogous

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



56.9320, -10.3195, -3.4484



54.8640, -3.8770, -16.5437



51.3660, 4.7496, -30.1390

Triad

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



54.8640, -3.8770, -16.5437



58.2830, 14.1575, -14.2802



60.7810, -7.7800, 22.1171

Complementary

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



54.8640, -3.8770, -16.5437



47.1360, 3.8770, 16.5437

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.



61.2030, -1.0861, 21.7470



54.8640, -3.8770, -16.5437



61.1710, 10.7617, 1.6040

Square

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



54.8640, -3.8770, -16.5437



52.5260, 15.5167, -30.2793



61.4670, 5.1928, 14.4994



59.8960, -12.2737, 16.7542

Rectangle

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



54.8640, -3.8770, -16.5437



48.5050, 10.5970, -39.0309



61.4670, 5.1928, 14.4994



60.6500, -5.7434, 22.2320

Sweetspot

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



54.8640, -3.8770, -16.5437



82.5000, -1.7255, -6.5775



59.2910, -11.4825, -3.7632



40.4510, -0.7153, -3.9035



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



54.8640, -3.8770, -16.5437



69.1140, -6.4652, -26.4100



56.5740, 2.6750, -18.0434



31.8750, -0.4314, -1.6444



61.0430, -12.3462, -53.5347



140.8360, -29.0061, -123.5132

Inverse Universe

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



47.1360, 3.8770, 16.5437



56.7720, 6.0284, 26.5100



45.4260, -2.6750, 18.0434



31.1250, 0.4314, 1.6444



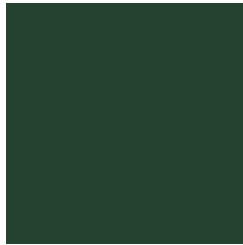
35.9570, 12.3462, 53.5347



83.1640, 29.0061, 123.5132

Previews

White Background



This preview shows how the YUV color 54.8640, -3.8770, -16.5437 looks on a white background.

Color Contrast Check

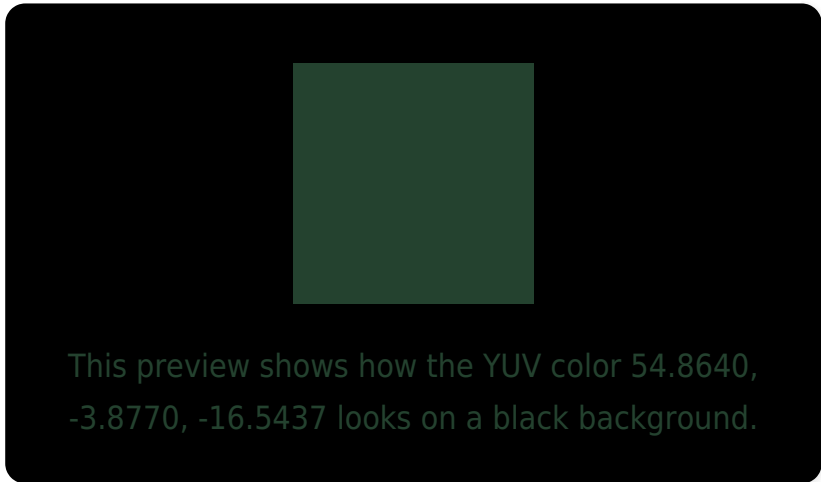
Large Text (above 18pt) WCAG AA ✓ Pass

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

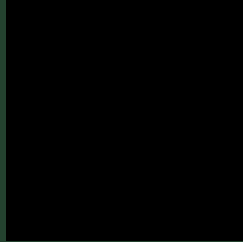
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8640, -3.8770, -16.5437

Background



This preview shows how black text looks on a background with the YUV color 54.8640, -3.8770, -16.5437.



This preview shows how white text looks on a background with the YUV color 54.8640, -3.8770,

-16.5437.

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

54.8640, -3.8770, -16.5437

Protanopia

59.3720, -7.5784, 4.0588

Deuteranopia

59.6760, -5.2633, 8.1771



Tritanopia

56.9920, 5.4269, -14.0250

Trichromacy



Original Color

54.8640, -3.8770, -16.5437

Protanomaly

57.6700, -6.2463, -3.2186

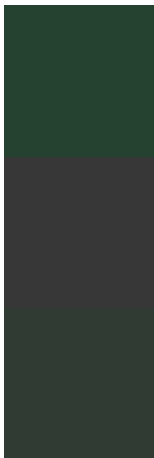
Deuteranomaly

57.7350, -4.7994, -0.6446

Tritanomaly

56.0690, 1.9380, -14.9695

Monochromacy



Original Color

54.8640, -3.8770, -16.5437

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8640, -3.8770, -16.5437 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(36, 66, 47)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 47)  
}
```

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(36, 66, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 47) }
```

Border

The CSS property to change the border of an element to YUV 54.8640, -3.8770, -16.5437 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(36, 66, 47) }
```


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

```
.border{ border-color:rgb(36, 66, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 47);  
box-shadow:4px 4px 4px 4px rgb(36, 66, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8640, -3.8770, -16.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 47) }
```

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

```
.background{ background-color: rgb(36, 66,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor