

Converting Colors

YUV(41.7540, -20.5847,
-24.3403)

Have a look what the booklet for
YUV(41.7540, -20.5847, -24.3403)
contains.

YUV(41.7540, -20.5847, -24.3403)	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(41.7540, -20.5847,
-24.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	0E4000
RGB	14, 64, 0
RGB Percent	5%, 25%, 0%
CMY	0.9451, 0.7490, 1.0000
CMYK	0.78, 0.00, 1.00, 0.75
HSL	107°, 100%, 13%
HSV	107°, 100%, 25%
XYZ	2.0145, 3.7602, 0.6196
YIQ	41.7540, -9.2560, -30.5040

Conversions

Conversions Part 2

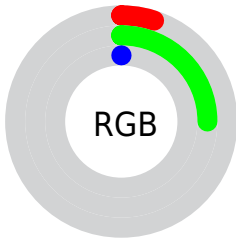
Format	Color
RYB	0, 64, 50
Decimal	933888
CIELab	22.86, -29.14, 30.55
CIELCh	23, 42.221, 133.640
Yxy	3.7602, 0.3150, 0.5881
Android (android.graphics.Color)	4279123968 (0xFF0E4000)
YUV	41.7540, -20.5847, -24.3403
Hunter-Lab	19.3911, -15.3905, 11.6793

Details

The YUV color **41.7540, -20.5847, -24.3403** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.2460, 20.5847, 24.3403**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.5370, -21.4637, -22.3959**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **41.7540, -20.5847, -24.3403**, and if you desaturate by 10%, it is **43.9330, -18.7010, -21.8662**.

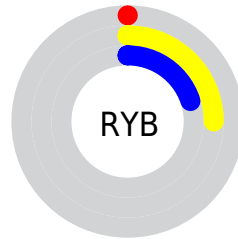
Distribution



Red (5%)

Green (25%)

Blue (0%)



Red (0%)

Yellow (25%)

Blue (20%)

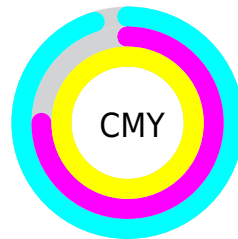


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (95%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 41.7540, -20.5847, -24.3403 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 41.7540, -20.5847, -24.3403 by changing the saturation by 10% instead.


 41.7540, -20.5847,
-24.3403


 41.7540, -20.5847,
-24.3403


 252.1500,
-10.9200, 2.4994


 24.6540, -12.1544,
-21.6216


 91.5370, -21.4637,
-22.3959


 10.5660, -5.2090,
-9.2664

 116.4230,
-21.9005, -22.2960

 0.0000, 0.0000,
0.0000

 142.7820,
-23.0635, -22.6108


 169.2550,
-23.7897, -23.0256


 196.8420,
-24.0791, -23.5404


 225.2010,


-25.2421, -23.8553


 240.5860,
-19.0229, -11.9149


 41.7540, -20.5847,
-24.3403

 43.9330, -18.7010,
-21.8662

 46.2260, -16.3804,
-19.4922

 48.4050, -14.4967,
-17.0182

 50.6980, -12.1761,
-14.6441

 52.8770, -10.2924,
-12.1701

■ 55.0560, -8.4086,
-9.6961

■ 57.3490, -6.0881,
-7.3221

■ 59.5280, -4.2043,
-4.8481

■ 61.8210, -1.8838,
-2.4740

Harmonies

Analogous

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



50.4910, -24.8921, 3.9544



41.7540, -20.5847, -24.3403



43.4330, -3.6645, -38.0907

Triad

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



41.7540, -20.5847, -24.3403



50.0910, 32.0001, -43.9298



46.1840, -2.0627, 55.0896

Complementary

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



41.7540, -20.5847, -24.3403



22.2460, 20.5847, 24.3403

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.



50.2610, 11.2103, 44.4981



41.7540, -20.5847, -24.3403



44.9220, 35.0415, -39.3966

Square

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



41.7540, -20.5847, -24.3403



50.5010, 23.4170, -44.2894



55.6470, 22.3590, 15.2186



49.6500, -19.0544, 45.0340

Rectangle

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



41.7540, -20.5847, -24.3403



46.5280, 5.6557, -40.8051



55.6470, 22.3590, 15.2186



45.8510, 3.0315, 54.5047

Sweetspot

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



41.7540, -20.5847, -24.3403



75.1700, -7.9718, -9.7961



47.8990, -23.6142, 14.1206



37.7020, -4.7831, -5.8777



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.



41.7540, -20.5847, -24.3403



54.6900, -26.9622, -32.1771



39.5060, -11.0955, -34.6468



32.0600, -1.0156, -0.9296



63.2180, -31.1665, -37.0252



146.1390, -72.0465, -85.1909

Inverse Universe

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



22.2460, 20.5847, 24.3403



29.3100, 26.9622, 32.1771



24.4940, 11.0955, 34.6468



30.9400, 1.0156, 0.9296



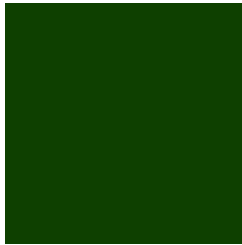
33.7820, 31.1665, 37.0252



77.8610, 72.0465, 85.1909

Previews

White Background



This preview shows how the YUV color 41.7540, -20.5847, -24.3403 looks on a white background.

Color Contrast Check

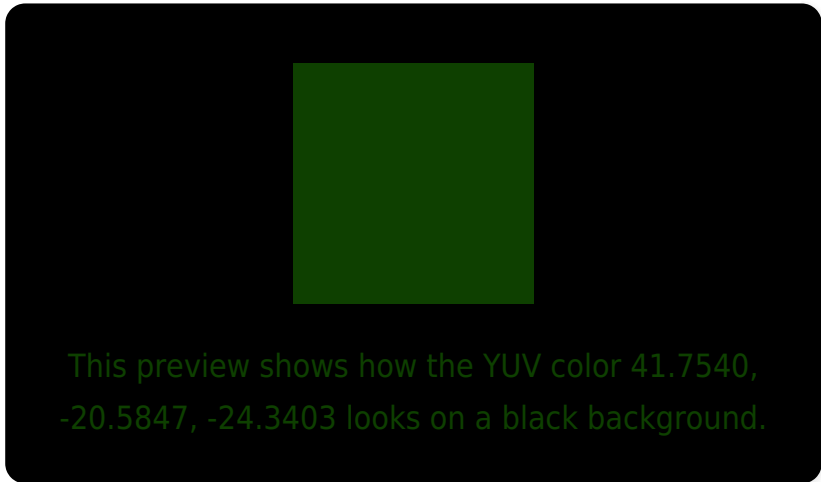
Large Text (above 18pt) WCAG AA ✓ Pass

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

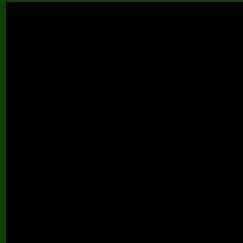
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7540, -20.5847, -24.3403

Background



This preview shows how black text looks on a background with the YUV color 41.7540, -20.5847, -24.3403.



This preview shows how white text looks on a background with the YUV color 41.7540, -20.5847, -24.3403.

-24.3403.

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

41.7540, -20.5847, -24.3403

Protanopia

50.8230, -25.0557, 9.8022

Deuteranopia

52.7510, -19.1042, 14.2504



Tritanopia

50.8990, 6.4588, -18.3284

Trichromacy



Original Color

41.7540, -20.5847, -24.3403

Protanomaly

47.5010, -23.4180, -2.1934

Deuteranomaly

48.5490, -19.4977, 0.3955

Tritanomaly

47.6570, -3.2819, -20.7472

Monochromacy



Original Color

41.7540, -20.5847, -24.3403

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9960, -7.3930, -8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7540, -20.5847, -24.3403 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(14, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(14, 64, 0)  
}
```

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(14, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 64, 0) }
```

Border

The CSS property to change the border of an element to YUV 41.7540, -20.5847, -24.3403 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(14, 64, 0) }
```


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

```
.border{ border-color:rgb(14, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(14, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(14, 64, 0); box-shadow:4px  
4px 4px 4px rgb(14, 64, 0) }
```

Background

The CSS property to change the background color of an element to YUV 41.7540, -20.5847, -24.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 64, 0) }
```

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

```
.background{ background-color: rgb(14, 64,  
0) }
```

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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