

Converting Colors

YUV(79.9940, -21.1960,
-14.9037)

Have a look what the booklet for
YUV(79.9940, -21.1960, -14.9037)
contains.

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Color

**YUV(79.9940, -21.1960,
-14.9037)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3F6125 |
| RGB | 63, 97, 37 |
| RGB Percent | 25%, 38%, 15% |
| CMY | 0.7529, 0.6196, 0.8549 |
| CMYK | 0.35, 0.00, 0.62, 0.62 |
| HSL | 94°, 45%, 26% |
| HSV | 94°, 62%, 38% |
| XYZ | 6.6585, 9.7397, 3.2793 |
| YIQ | 79.9940, -1.0040, -25.8680 |

Conversions

Conversions Part 2

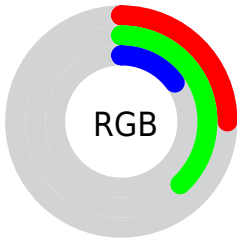
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 37, 97, 71 |
| Decimal | 4153637 |
| CIE _{Lab} | 37.37, -23.93, 29.79 |
| CIE _{LCh} | 37, 38.214, 128.771 |
| Yxy | 9.7397, 0.3384, 0.4950 |
| Android (android.graphics.Color) | 4282343717 (0xFF3F6125) |
| YUV | 79.9940, -21.1960, -14.9037 |
| Hunter-Lab | 31.2085, -16.5309, 15.6160 |

Details

The YUV color **79.9940, -21.1960, -14.9037** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.0060, 21.1960, 14.9037**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2390, -22.7958, -15.1186**, and **34.7320, -17.1229, -14.6740** is the 20% darker color. If you saturate the color by 10%, you get **77.3590, -24.8270, -16.9778**, and if you desaturate by 10%, it is **82.6290, -17.5651, -12.8296**.

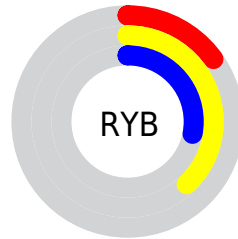
Distribution



Red (25%)

Green (38%)

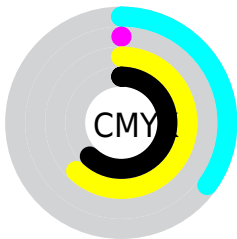
Blue (15%)



Red (15%)

Yellow (38%)

Blue (28%)

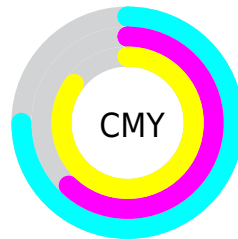


Cyan (35%)

Magenta (0%)

Yellow (62%)

Black (62%)



Cyan (75%)

Magenta (62%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9940, -21.1960, -14.9037 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 79.9940, -21.1960, -14.9037 by changing the saturation by 10% instead.

■ 79.9940, -21.1960,
-14.9037

■ 79.9940, -21.1960,
-14.9037

255.0000, 0.0000,
0.0000

■ 56.1080, -20.7592,
-15.0037

■ 130.2390,
-22.7958, -15.1186

■ 34.7320, -17.1229,
-14.6740

■ 156.7120,
-23.5220, -15.5334

■ 18.1970, -8.9711,
-15.9588

■ 183.5980,
-23.9588, -15.4334

■ 0.0000, 0.0000,
0.0000

■ 211.3700,
-24.8324, -15.2335

■ 237.6090,
-23.9642, -13.6891

■ 249.4720,

-16.0087, 1.3401

253.8600, -4.3680,
0.9998

79.9940, -21.1960,
-14.9037

79.9940, -21.1960,
-14.9037

77.3590, -24.8270,
-16.9778

82.6290, -17.5651,
-12.8296

74.5390, -27.8737,
-19.7667

85.4490, -14.5184,
-10.0408

71.9040, -31.5047,
-21.8408

88.0840, -10.8874,
-7.9667

69.4970, -34.2620,
-24.1149

91.0180, -7.4039,
-5.2778

93.6530, -3.7729,
-3.2037

■ 96.4730, -0.7262,
-0.4148

■ 99.1080, 2.9048,
1.6593

■ 102.0420, 6.3883,
4.3482

■ 104.5630, 9.5824,
6.5222

Harmonies

Analogous

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



83.4550, -30.2973, 11.0020



79.9940, -21.1960, -14.9037



66.5830, -1.2734, -58.3933

Triad

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



79.9940, -21.1960, -14.9037



73.4690, 35.2648, -64.4323



87.3960, -3.6462, 49.6417

Complementary

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



79.9940, -21.1960, -14.9037



54.0060, 21.1960, 14.9037

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.



89.6900, 10.5058, 37.1059



79.9940, -21.1960, -14.9037



81.7980, 33.1306, -33.1488

Square

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



79.9940, -21.1960, -14.9037



74.2380, 25.5187, -65.1067



90.3150, 22.5227, 9.3707



86.4160, -17.4601, 46.9932

Rectangle

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



79.9940, -21.1960, -14.9037



70.2650, 7.7574, -61.6224



90.3150, 22.5227, 9.3707



87.9380, 1.0166, 47.4124

Sweetspot

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



79.9940, -21.1960, -14.9037



118.0780, -8.4195, -6.2074



74.8980, -18.6837, 19.3835



59.5990, -5.2253, -4.0333



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



79.9940, -21.1960, -14.9037



98.8500, -32.9570, -22.6704



72.6760, -15.6163, -31.2879



46.9460, -1.4524, -0.8296



80.3950, -39.6347, -27.5334



171.9760, -84.7842, -59.6150

Inverse Universe

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



54.0060, 21.1960, 14.9037



58.4490, 32.8096, 23.2852



61.3240, 15.6163, 31.2879



45.0540, 1.4524, 0.8296



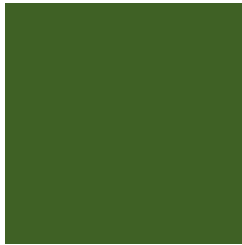
31.9040, 39.4873, 28.1482



68.0240, 84.7842, 59.6150

Previews

White Background



This preview shows how the YUV color 79.9940, -21.1960, -14.9037 looks on a white background.

Color Contrast Check

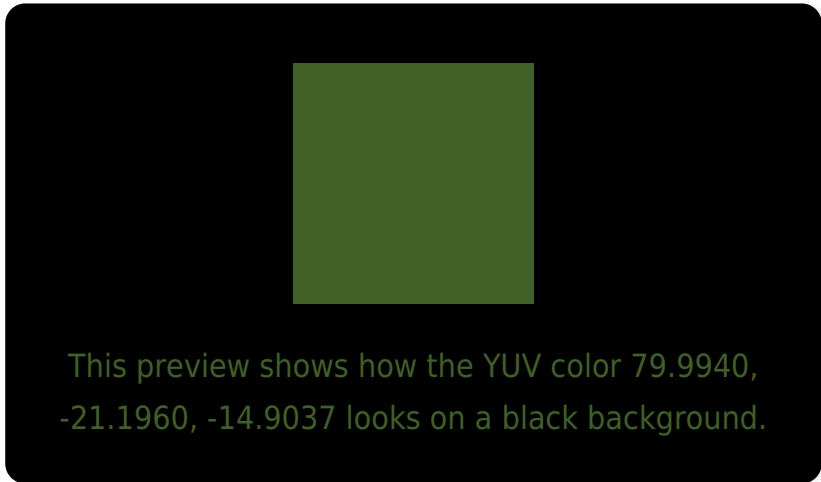
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.9940, -21.1960, -14.9037 Background



This preview shows how black text looks on a background with the YUV color 79.9940, -21.1960, -14.9037.



This preview shows how white text looks on a background with the YUV color 79.9940, -21.1960,

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

79.9940, -21.1960, -14.9037

Protanopia

84.8340, -25.0612, 11.5466

Deuteranopia

85.6870, -22.0307, 19.5685



Tritanopia

86.1170, 5.8583, -12.3806

Trichromacy



Original Color

79.9940, -21.1960, -14.9037

Protanomaly

82.8220, -23.5762, 1.9101

Deuteranomaly

83.7240, -21.5559, 7.2581

Tritanomaly

83.8860, -3.8878, -13.0550

Monochromacy



Original Color

79.9940, -21.1960, -14.9037

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9040, -7.8407, -5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9940, -21.1960, -14.9037 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(63, 97, 37)` looks like.

```
.text, #text, p{  
    color:rgb(63, 97, 37)  
}
```

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(63, 97, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 97, 37) }
```

Border

The CSS property to change the border of an element to YUV 79.9940, -21.1960, -14.9037 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(63, 97, 37) }
```


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

```
.border{ border-color:rgb(63, 97, 37) }
```

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

Here you see how a box with a 4 pixel rgb(63, 97, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 97, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 97, 37);  
box-shadow:4px 4px 4px 4px rgb(63, 97, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.9940, -21.1960, -14.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 97, 37) }
```

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

```
.background{ background-color: rgb(63, 97,  
37) }
```

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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