

Converting Colors

YUV(41.0250, 1.9597, -21.9469)

Have a look what the booklet for
YUV(41.0250, 1.9597, -21.9469)
contains.

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Color

**YUV(41.0250, 1.9597,
-21.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	10352D
RGB	16, 53, 45
RGB Percent	6%, 21%, 18%
CMY	0.9373, 0.7922, 0.8235
CMYK	0.70, 0.00, 0.15, 0.79
HSL	167°, 54%, 14%
HSV	167°, 70%, 21%
XYZ	1.9604, 2.8458, 2.9286
YIQ	41.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

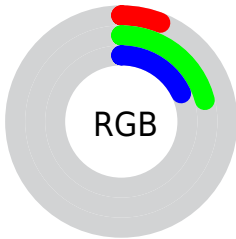
Format	Color
R _Y B	16, 37, 53
Decimal	1062189
CIE Lab	19.42, -15.53, 1.14
CIE LCh	19, 15.572, 175.810
Yxy	2.8458, 0.2535, 0.3679
Android (android.graphics.Color)	4279252269 (0xFF10352D)
YUV	41.0250, 1.9597, -21.9469
Hunter-Lab	16.8696, -8.7780, 1.5158

Details

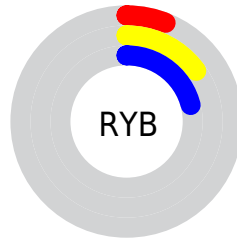
The YUV color **41.0250, 1.9597, -21.9469** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.9750, -1.9597, 21.9469**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9110, 1.5229, -21.8469**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.4160, 2.2599, -24.9208**, and if you desaturate by 10%, it is **42.6340, 1.6594, -18.9730**.

Distribution



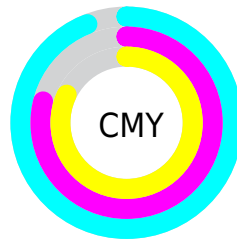
- Red (6%)
- Green (21%)
- Blue (18%)



- Red (6%)
- Yellow (15%)
- Blue (21%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (79%)



- Cyan (94%)
- Magenta (79%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0250, 1.9597, -21.9469 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 41.0250, 1.9597, -21.9469 by changing the saturation by 10% instead.

■ 41.0250, 1.9597,
-21.9469

■ 41.0250, 1.9597,
-21.9469

■ 253.2060, 0.8844,
-3.6887

■ 21.5200, 1.2226,
-18.8730

■ 87.9110, 1.5229,
-21.8469

■ 0.0000, 0.0000,
0.0000

■ 112.4980, 1.2335,
-22.3617

■ 138.1990, 1.3809,
-22.9765

■ 164.7860, 1.0915,
-23.4913

■ 191.7860, 1.0915,
-23.4913

■ 219.4870, 1.2389,

-24.1061

■ 244.0790, 3.4121,
-21.1173

■ 41.0250, 1.9597,
-21.9469

■ 41.0250, 1.9597,
-21.9469

■ 39.4160, 2.2599,
-24.9208

■ 42.6340, 1.6594,
-18.9730

■ 37.5080, 2.7076,
-28.5095

■ 44.5420, 1.2118,
-15.3843

■ 35.8990, 3.0078,
-31.4834

■ 46.1510, 0.9116,
-12.4104

■ 47.8740, 1.0481,
-9.5365

■ 49.7820, 0.6005,
-5.9478

■ 51.3910, 0.3002,
-2.9739

■ 53.0000, 0.0000,
0.0000

■ 54.6090, -0.3002,
2.9739

■ 56.5170, -0.7479,
6.5626

Harmonies

Analogous

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



43.6690, -4.7668, -11.1107



41.0250, 1.9597, -21.9469



38.2070, 9.2649, -31.7535

Triad

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



41.0250, 1.9597, -21.9469



47.8070, 9.4621, -1.5847



47.3950, -9.0687, 15.4396

Complementary

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



41.0250, 1.9597, -21.9469



27.9750, -1.9597, 21.9469

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.



47.8560, -4.8590, 18.5433



41.0250, 1.9597, -21.9469



48.8470, 5.4984, 9.7812

Square

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



41.0250, 1.9597, -21.9469



45.0010, 11.8315, -14.9099



48.2240, 0.3826, 17.3436



46.4820, -11.0836, 8.3473

Rectangle

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



41.0250, 1.9597, -21.9469



38.6030, 12.0277, -31.2238



48.2240, 0.3826, 17.3436



47.6340, -8.2006, 16.9840

Sweetspot

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



41.0250, 1.9597, -21.9469



64.1730, 0.9007, -8.9217



40.1110, -11.8867, -14.1293



33.0810, 0.4531, -5.3330



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.0250, 1.9597, -21.9469



50.1760, 2.8712, -34.3574



36.0670, 8.3480, -17.5988



24.9890, 0.0054, -1.7444



60.2230, 4.8201, -52.8156



146.7590, 11.4578, -128.7076

Inverse Universe

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



27.9750, -1.9597, 21.9469



29.8240, -2.8712, 34.3574



32.9330, -8.3480, 17.5988



24.0110, -0.0054, 1.7444



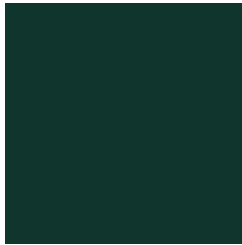
28.7770, -4.8201, 52.8156



70.2410, -11.4578, 128.7076

Previews

White Background



This preview shows how the YUV color 41.0250, 1.9597, -21.9469 looks on a white background.

Color Contrast Check

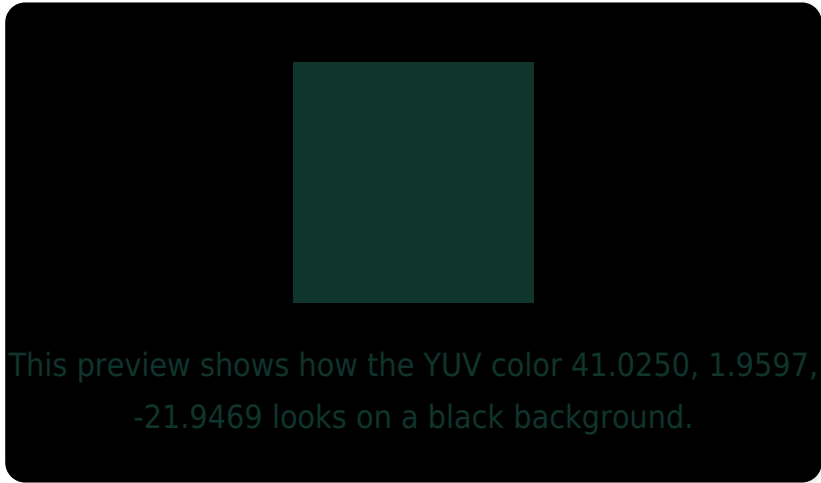
Large Text (above 18pt) WCAG AA ✓ Pass

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

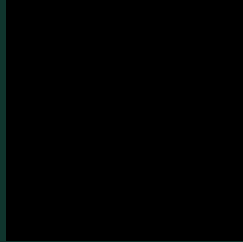
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0250, 1.9597, -21.9469

Background



This preview shows how black text looks on a background with the YUV color 41.0250, 1.9597, -21.9469.



This preview shows how white text looks on a background with the YUV color 41.0250, 1.9597, -21.9469.

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

41.0250, 1.9597, -21.9469

Protanopia

47.0280, -2.4788, 1.7294

Deuteranopia

47.9080, -0.4476, 3.5887



Tritanopia

42.6000, 6.6062, -18.9432

Trichromacy



Original Color

41.0250, 1.9597, -21.9469

Protanomaly

44.7280, -0.8519, -6.7775

Deuteranomaly

45.6680, 0.1637, -5.8478

Tritanomaly

42.1330, 4.8644, -20.2876

Monochromacy



Original Color

41.0250, 1.9597, -21.9469

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7710, 0.6059, -7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0250, 1.9597, -21.9469 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(16, 53, 45)` looks like.

```
.text, #text, p{  
    color:rgb(16, 53, 45)  
}
```

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(16, 53, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 53, 45) }
```

Border

The CSS property to change the border of an element to YUV 41.0250, 1.9597, -21.9469 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(16, 53, 45) }
```


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

```
.border{ border-color:rgb(16, 53, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 53, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 53, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 53, 45);  
box-shadow:4px 4px 4px 4px rgb(16, 53, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.0250, 1.9597, -21.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 53, 45) }
```

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

```
.background{ background-color: rgb(16, 53,  
45) }
```

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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