

Converting Colors

YUV(63.7020, 5.0769, -41.8347)

Have a look what the booklet for
YUV(63.7020, 5.0769, -41.8347)
contains.

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Color

**YUV(63.7020, 5.0769,
-41.8347)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 10564A |
| RGB | 16, 86, 74 |
| RGB Percent | 6%, 34%, 29% |
| CMY | 0.9373, 0.6627, 0.7098 |
| CMYK | 0.81, 0.00, 0.14, 0.66 |
| HSL | 170°, 69%, 20% |
| HSV | 170°, 81%, 34% |
| XYZ | 4.7775, 7.2601, 7.6281 |
| YIQ | 63.7020, -37.8680, -18.5720 |

Conversions

Conversions Part 2

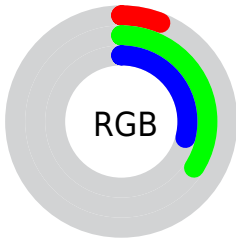
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 16, 54, 86 |
| Decimal | 1070666 |
| CIE Lab | 32.39, -24.06, 0.99 |
| CIE LCh | 32, 24.080, 177.653 |
| Yxy | 7.2601, 0.2429, 0.3692 |
| Android (android.graphics.Color) | 4279260746 (0xFF10564A) |
| YUV | 63.7020, 5.0769, -41.8347 |
| Hunter-Lab | 26.9447, -15.5037, 2.0761 |

Details

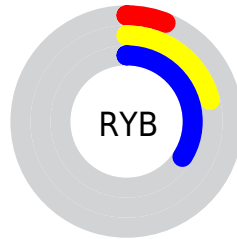
The YUV color **63.7020, 5.0769, -41.8347** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.2980, -5.0769, 41.8347**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3820, 3.7557, -38.0460**, and **26.9000, 1.5283, -23.5913** is the 20% darker color. If you saturate the color by 10%, you get **60.8970, 5.9668, -47.2677**, and if you desaturate by 10%, it is **66.5070, 4.1870, -36.4016**.

Distribution



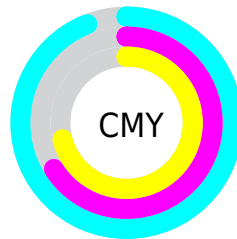
- Red (6%)
- Green (34%)
- Blue (29%)



- Red (6%)
- Yellow (21%)
- Blue (34%)



- Cyan (81%)
- Magenta (0%)
- Yellow (14%)
- Black (66%)



- Cyan (94%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7020, 5.0769, -41.8347 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 63.7020, 5.0769, -41.8347 by changing the saturation by 10% instead.

■ 63.7020, 5.0769,
-41.8347

■ 63.7020, 5.0769,
-41.8347

■ 255.0000, 0.0000,
0.0000

■ 42.2080, 4.3345,
-37.0164

■ 115.3820, 3.7557,
-38.0460

■ 26.9000, 1.5283,
-23.5913

■ 141.8550, 3.0295,
-38.4608

■ 10.0760, -2.0095,
-8.8367

■ 168.8550, 3.0295,
-38.4608

■ 0.0000, 0.0000,
0.0000

■ 196.4420, 2.7401,
-38.9756

■ 224.4420, 2.7401,
-38.9756

■ 240.9470, 6.9281,

-28.8945

■ 249.6180, 2.6533,
-11.0660

■ 63.7020, 5.0769,
-41.8347

■ 63.7020, 5.0769,
-41.8347

■ 60.8970, 5.9668,
-47.2677

■ 66.5070, 4.1870,
-36.4016

■ 58.5760, 6.1250,
-51.3712

■ 69.1270, 3.8814,
-31.6834

■ 71.9320, 2.9915,
-26.2504

■ 74.5520, 2.6859,
-21.5321

■ 77.3570, 1.7960,
-16.0991

■ 80.2760, 1.3429,
-10.7661

■ 82.7820, 0.6005,
-5.9478

■ 85.7010, 0.1474,
-0.6148

■ 88.2070, -0.5951,
4.2035

Harmonies

Analogous

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



69.6310, -7.2131, -19.8474



63.7020, 5.0769, -41.8347



61.0840, 15.7346, -53.5707

Triad

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



63.7020, 5.0769, -41.8347



77.5280, 16.0087, -1.3401



76.1420, -15.3530, 24.4315

Complementary

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



63.7020, 5.0769, -41.8347



38.2980, -5.0769, 41.8347

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.



76.7220, -8.2439, 30.9388



63.7020, 5.0769, -41.8347



78.5150, 9.1131, 17.0883

Square

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



63.7020, 5.0769, -41.8347



72.2260, 20.5946, -25.6312



77.8880, 0.0552, 29.0392



74.9680, -18.2252, 12.3061

Rectangle

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



63.7020, 5.0769, -41.8347



61.1640, 21.1181, -53.6408



77.8880, 0.0552, 29.0392



76.6200, -13.6167, 27.5203

Sweetspot

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



63.7020, 5.0769, -41.8347



103.4710, 2.2328, -16.1991



60.9770, -22.1737, -28.0438



50.8740, 1.0481, -9.5365



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.7020, 5.0769, -41.8347



76.9440, 7.9156, -65.7259



52.1560, 16.6851, -31.7088



41.8040, 0.5896, -2.4591



72.9550, 7.9102, -63.9815



160.0610, 16.7319, -140.3735

Inverse Universe

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



38.2980, -5.0769, 41.8347



37.0560, -7.9156, 65.7259



49.8440, -16.6851, 31.7088



40.3100, -0.1528, 2.3591



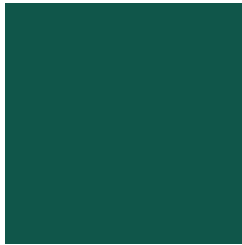
34.0450, -7.9102, 63.9815



74.8250, -17.1687, 140.4735

Previews

White Background



This preview shows how the YUV color 63.7020, 5.0769, -41.8347 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



This preview shows how the YUV color 63.7020, 5.0769, -41.8347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

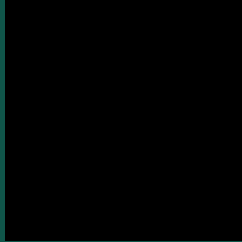
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7020, 5.0769, -41.8347

Background



This preview shows how black text looks on a background with the YUV color 63.7020, 5.0769, -41.8347.



This preview shows how white text looks on a background with the YUV color 63.7020, 5.0769, -41.8347.

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

63.7020, 5.0769, -41.8347

Protanopia

75.9850, -3.9366, 2.6442

Deuteranopia

77.0330, -0.0163, 5.2331



Tritanopia

67.9400, 10.8756, -35.0274

Trichromacy



Original Color

63.7020, 5.0769, -41.8347

Protanomaly

71.6840, -0.8302, -13.7549

Deuteranomaly

72.0910, 1.9271, -11.4808

Tritanomaly

66.6470, 8.5550, -37.4014

Monochromacy



Original Color

63.7020, 5.0769, -41.8347

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7020, 5.0769, -41.8347 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, 86, 74)` looks like.

```
.text, #text, p{  
  color:rgb(16, 86, 74)  
}
```

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, 86, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 86, 74) }
```

Border

The CSS property to change the border of an element to YUV 63.7020, 5.0769, -41.8347 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, 86, 74) }
```


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

```
.border{ border-color:rgb(16, 86, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 86, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 86, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 86, 74);  
box-shadow:4px 4px 4px 4px rgb(16, 86, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7020, 5.0769, -41.8347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 86, 74) }
```

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

```
.background{ background-color: rgb(16, 86,  
74) }
```

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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