

Converting Colors

YUV(100.5700, 2.1840, -0.4999)

Have a look what the booklet for
YUV(100.5700, 2.1840, -0.4999)
contains.

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Color

**YUV(100.5700, 2.1840,
-0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	646469
RGB	100, 100, 105
RGB Percent	39%, 39%, 41%
CMY	0.6078, 0.6078, 0.5882
CMYK	0.05, 0.05, 0.00, 0.59
HSL	240°, 2%, 40%
HSV	240°, 5%, 41%
XYZ	12.3625, 12.8436, 15.1921
YIQ	100.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

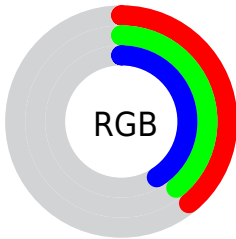
Format	Color
R_{YB}	100, 100, 105
Decimal	6579305
CIE _{Lab}	42.53, 1.06, -2.82
CIE _{LCh}	43, 3.018, 290.633
Yxy	12.8436, 0.3060, 0.3179
Android (android.graphics.Color)	4284769385 (0xFF646469)
YUV	100.5700, 2.1840, -0.4999
Hunter-Lab	35.8380, -1.1418, -0.0471

Details

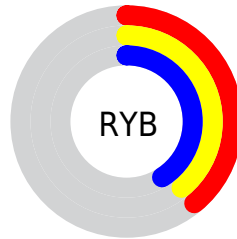
The YUV color **100.5700, 2.1840, -0.4999** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.4300, -2.1840, 0.4999**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5700, 2.1840, -0.4999**, and **53.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **91.7100, 6.5520, -1.4997**, and if you desaturate by 10%, it is **110.3160, -2.6208, 0.5999**.

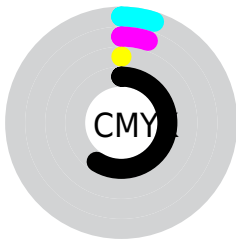
Distribution



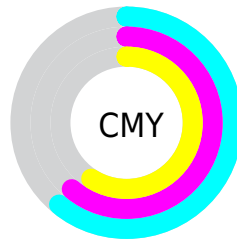
- Red (39%)
- Green (39%)
- Blue (41%)



- Red (39%)
- Yellow (39%)
- Blue (41%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5700, 2.1840, -0.4999 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 100.5700, 2.1840, -0.4999 by changing the saturation by 10% instead.

■ 100.5700, 2.1840,
-0.4999

■ 100.5700, 2.1840,
-0.4999

255.0000, 0.0000,
0.0000

■ 76.5700, 2.1840,
-0.4999

■ 151.5700, 2.1840,
-0.4999

■ 53.5700, 2.1840,
-0.4999

■ 177.6840, 2.6208,
-0.5999

■ 32.4560, 1.7472,
-0.3999

■ 205.6840, 2.6208,
-0.5999

■ 9.6840, 2.6208,
-0.5999

■ 233.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 100.5700, 2.1840,

■ 100.5700, 2.1840,

-0.4999

■ 91.7100, 6.5520,
-1.4997

■ 81.9640, 11.3567,
-2.5994

■ 73.1040, 15.7247,
-3.5992

■ 63.3580, 20.5295,
-4.6990

■ 54.4980, 24.8975,
-5.6987

■ 44.7520, 29.7023,
-6.7985

■ 35.0060, 34.5070,
-7.8983

■ 26.1460, 38.8750,
-8.8980

-0.4999

■ 110.3160, -2.6208,
0.5999

■ 119.1760, -6.9888,
1.5996

■ 128.9220,
-11.7935, 2.6994

■ 137.7820,
-16.1615, 3.6992

■ 147.5280,
-20.9663, 4.7989

■ 156.3880,
-25.3343, 5.7987

■ 165.2480,
-29.7023, 6.7985

■ 174.9940,
-34.5070, 7.8983

■ 17.2860, 43.2430,
-9.8978

■ 184.7400,
-39.3118, 8.9980

Harmonies

Analogous

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



100.2600, 2.3368, -2.8590



100.5700, 2.1840, -0.4999



100.7660, 1.5944, 1.9592

Triad

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



100.5700, 2.1840, -0.4999



100.5660, -1.7580, 3.8886



99.5650, -0.2785, -4.0035

Complementary

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



100.5700, 2.1840, -0.4999



104.4300, -2.1840, 0.4999

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.



99.6470, -1.3050, -1.4444



100.5700, 2.1840, -0.4999



100.4410, -2.1894, 2.2442

Square

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



100.5700, 2.1840, -0.4999



101.0930, -1.0318, 4.3034



100.4300, -2.1840, 0.4999



99.6080, 1.1793, -4.9182

Rectangle

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



100.5700, 2.1840, -0.4999



101.1360, 0.4260, 3.3887



100.4300, -2.1840, 0.4999



99.8640, -0.4260, -3.3887

Sweetspot

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



100.5700, 2.1840, -0.4999



136.2280, 0.8736, -0.2000



103.5050, 0.7370, -3.0739



68.1140, 0.4368, -0.1000



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



100.5700, 2.1840, -0.4999



130.0260, 3.9312, -0.8998



101.1680, 1.8892, 0.7297



50.4560, 1.7472, -0.3999



13.3380, 51.1054, -11.6974



27.9300, 107.0155, -24.4946

Inverse Universe

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



102.0650, 1.4470, 2.5740



132.7170, 2.6045, 4.6332



103.5330, -1.7418, -1.3444



51.6520, 1.1576, 2.0592



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 100.5700, 2.1840, -0.4999 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 × Fail

Black Background



This preview shows how the YUV color 100.5700, 2.1840, -0.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5700, 2.1840, -0.4999

Background



This preview shows how black text looks on a background with the YUV color 100.5700, 2.1840, -0.4999.



This preview shows how white text looks on a background with the YUV color 100.5700, 2.1840,

-0.4999.

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

100.5700, 2.1840, -0.4999

Protanopia

100.8690, 2.0366, 0.1149

Deuteranopia

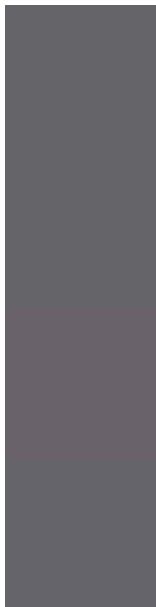
101.3150, 2.3097, 5.8627



Tritanopia

100.7980, 3.0576, -0.6998

Trichromacy



Original Color

100.5700, 2.1840, -0.4999

Protanomaly

100.8690, 2.0366, 0.1149

Deuteranomaly

101.0050, 2.4625, 3.5036

Tritanomaly

100.6840, 2.6208, -0.5999

Monochromacy



Original Color

100.5700, 2.1840, -0.4999

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5700, 2.1840, -0.4999 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(100, 100, 105)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 105)  
}
```

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(100, 100, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 105) }
```

Border

The CSS property to change the border of an element to YUV 100.5700, 2.1840, -0.4999 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(100, 100, 105) }
```


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

```
.border{ border-color:rgb(100, 100, 105) }
```

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

Here you see how a box with a 4 pixel rgb(100, 100, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 105);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 100.5700, 2.1840, -0.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 100, 105) }
```

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

```
.background{ background-color: rgb(100,  
100, 105) }
```

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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