

Converting Colors

YUV(100.5370, 2.2003, -5.7329)

Have a look what the booklet for
YUV(100.5370, 2.2003, -5.7329)
contains.

YUV(100.5370, 2.2003, -5.7329)	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(100.5370, 2.2003,
-5.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6769
RGB	94, 103, 105
RGB Percent	37%, 40%, 41%
CMY	0.6314, 0.5961, 0.5882
CMYK	0.10, 0.02, 0.00, 0.59
HSL	191°, 6%, 39%
HSV	191°, 10%, 41%
XYZ	12.0161, 13.1001, 15.2599
YIQ	100.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

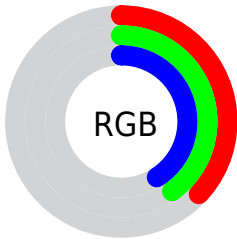
Format	Color
R_{YB}	94, 99, 105
Decimal	6186857
CIE _{Lab}	42.91, -2.99, -2.31
CIE _{LCh}	43, 3.782, 217.677
Yxy	13.1001, 0.2976, 0.3245
Android (android.graphics.Color)	4284376937 (0xFF5E6769)
YUV	100.5370, 2.2003, -5.7329
Hunter-Lab	36.1941, -4.0790, 0.3385

Details

The YUV color $[100.5370, 2.2003, -5.7329]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[98.4630, -2.2003, 5.7329]$, and the grayscale version is $[101.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[151.2380, 2.3477, -6.3477]$, and $[53.8360, 2.0529, -5.1182]$ is the 20% darker color. If you saturate the color by 10%, you get $[96.3730, 4.2531, -10.8511]$, and if you desaturate by 10%, it is $[105.0000, 0.0000, 0.0000]$.

Distribution



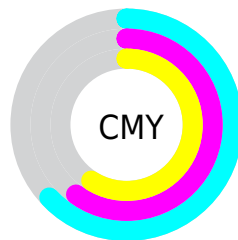
- Red (37%)
- Green (40%)
- Blue (41%)



- Red (37%)
- Yellow (39%)
- Blue (41%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5370, 2.2003, -5.7329 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 100.5370, 2.2003, -5.7329 by changing the saturation by 10% instead.

■ 100.5370, 2.2003,
-5.7329

■ 100.5370, 2.2003,
-5.7329

255.0000, 0.0000,
0.0000

■ 76.5370, 2.2003,
-5.7329

■ 151.2380, 2.3477,
-6.3477

■ 53.8360, 2.0529,
-5.1182

■ 178.2380, 2.3477,
-6.3477

■ 32.7220, 1.6161,
-5.0182

■ 205.3520, 2.7845,
-6.4477

■ 9.3410, 2.7899,
-8.1921

■ 233.9390, 2.4951,
-6.9625

■ 0.0000, 0.0000,
0.0000

■ 100.5370, 2.2003,

■ 100.5370, 2.2003,

-5.7329

-5.7329

■ 96.3730, 4.2531,
-10.8511

■ 105.0000, 0.0000,
0.0000

■ 91.9100, 6.4534,
-16.5841

■ 109.1640, -2.0529,
5.1182

■ 87.7460, 8.5062,
-21.7022

■ 113.6270, -4.2531,
10.8511

■ 83.2830, 10.7065,
-27.4352

■ 117.7910, -6.3060,
15.9693

■ 79.1190, 12.7593,
-32.5534

■ 122.2540, -8.5062,
21.7022

■ 75.2430, 14.6702,
-38.8011

■ 125.8310,
-10.2697, 27.3352

■ 71.0790, 16.7231,
-43.9193

■ 130.2940,
-12.4699, 33.0682

■ 66.6160, 18.9233,
-49.6522

■ 134.4580,
-14.5228, 38.1863

■ 62.4520, 20.9762,
-54.7704

■ 138.9210,
-16.7231, 43.9193

Harmonies

Analogous

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



100.1950, 0.8899, -5.4330



100.5370, 2.2003, -5.7329



100.7760, 3.0684, -4.1886

Triad

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



100.5370, 2.2003, -5.7329



102.2500, 0.8628, 3.2888



100.9140, -2.9156, 1.8294

Complementary

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



100.5370, 2.2003, -5.7329



98.4630, -2.2003, 5.7329

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.



101.3380, -2.6316, 4.0886



100.5370, 2.2003, -5.7329



101.9190, -0.4531, 5.3330

Square

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



100.5370, 2.2003, -5.7329



101.5810, 2.1786, 1.2445



102.1640, -2.0529, 5.1182



100.7180, -2.3260, -0.6297

Rectangle

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



100.5370, 2.2003, -5.7329



101.3740, 2.7736, -2.9590



102.1640, -2.0529, 5.1182



101.2130, -3.0630, 2.4442

Sweetspot

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



100.5370, 2.2003, -5.7329



136.2170, 0.8790, -1.9443



100.6850, -2.3097, -5.8627



67.5160, 0.7316, -1.3295



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.



100.5370, 2.2003, -5.7329



130.2700, 3.8109, -9.0068



97.6020, 3.6472, -3.1590



51.6190, 1.1738, -3.1739



69.6900, 23.3238, -61.1181



145.3300, 49.1373, -127.4544

Inverse Universe

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



98.3150, 2.3097, 5.8627



126.9780, 3.4618, 9.6663



101.3980, -3.6472, 3.1590



50.3640, 1.2995, 3.1888



45.9270, 24.6860, 62.3310



96.0550, 51.2449, 130.6248

Previews

White Background



This preview shows how the YUV color 100.5370, 2.2003, -5.7329 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 100.5370, 2.2003, -5.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

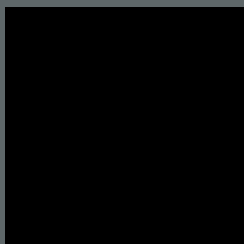
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

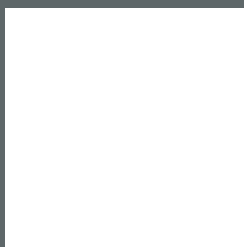
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.5370, 2.2003, -5.7329

Background



This preview shows how black text looks on a background with the YUV color 100.5370, 2.2003, -5.7329.



This preview shows how white text looks on a background with the YUV color 100.5370, 2.2003, -5.7329.

-5.7329.

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

100.5370, 2.2003, -5.7329

Protanopia

101.6410, 1.1630, 0.3148

Deuteranopia

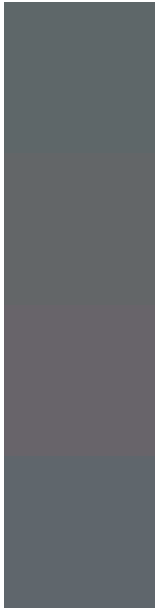
102.2010, 1.8729, 5.9627



Tritanopia

100.8190, 4.5262, -5.1033

Trichromacy



Original Color

100.5370, 2.2003, -5.7329

Protanomaly

101.3310, 1.3158, -2.0443

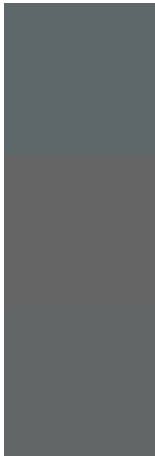
Deuteranomaly

101.8800, 2.0312, 1.8592

Tritanomaly

100.5910, 3.6526, -4.9033

Monochromacy



Original Color

100.5370, 2.2003, -5.7329

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5370, 2.2003, -5.7329 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(94, 103, 105)` looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 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(94, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 105) }
```

Border

The CSS property to change the border of an element to YUV 100.5370, 2.2003, -5.7329 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(94, 103, 105) }
```


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

```
.border{ border-color:rgb(94, 103, 105) }
```

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

Here you see how a box with a 4 pixel rgb(94, 103, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 100.5370, 2.2003, -5.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 105) }
```

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

```
.background{ background-color: rgb(94, 103,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor