

Converting Colors

YUV(101.3680, 5.2416, -1.1997)

Have a look what the booklet for
YUV(101.3680, 5.2416, -1.1997)
contains.

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Color

**YUV(101.3680, 5.2416,
-1.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	646470
RGB	100, 100, 112
RGB Percent	39%, 39%, 44%
CMY	0.6078, 0.6078, 0.5608
CMYK	0.11, 0.11, 0.00, 0.56
HSL	240°, 6%, 42%
HSV	240°, 11%, 44%
XYZ	12.7373, 12.9935, 17.1659
YIQ	101.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

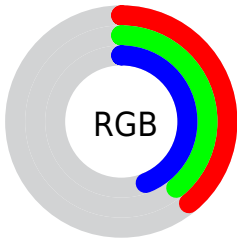
Format	Color
R_{YB}	100, 100, 112
Decimal	6579312
CIE _{Lab}	42.75, 2.62, -6.74
CIE _{LCh}	43, 7.236, 291.234
Yxy	12.9935, 0.2969, 0.3029
Android (android.graphics.Color)	4284769392 (0xFF646470)
YUV	101.3680, 5.2416, -1.1997
Hunter-Lab	36.0465, -0.0070, -3.0022

Details

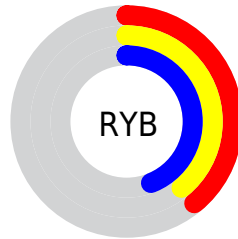
The YUV color **101.3680, 5.2416, -1.1997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.6320, -5.2416, 1.1997**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4820, 5.6784, -1.2997**, and **54.2540, 4.8048, -1.0998** is the 20% darker color. If you saturate the color by 10%, you get **91.6220, 10.0464, -2.2995**, and if you desaturate by 10%, it is **111.1140, 0.4368, -0.1000**.

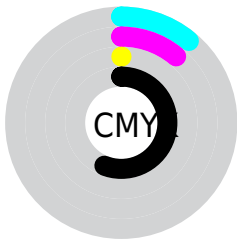
Distribution



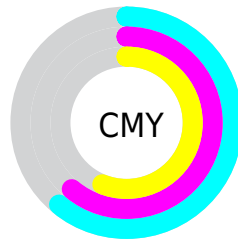
- Red (39%)
- Green (39%)
- Blue (44%)



- Red (39%)
- Yellow (39%)
- Blue (44%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (61%)
- Yellow (56%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3680, 5.2416, -1.1997 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 101.3680, 5.2416, -1.1997 by changing the saturation by 10% instead.

■ 101.3680, 5.2416,
-1.1997

■ 101.3680, 5.2416,
-1.1997

255.0000, 0.0000,
0.0000

■ 77.3680, 5.2416,
-1.1997

■ 152.4820, 5.6784,
-1.2997

■ 54.2540, 4.8048,
-1.0998

■ 178.8950, 5.9678,
-0.7849

■ 33.1400, 4.3680,
-0.9998

■ 206.5960, 6.1152,
-1.3997

■ 10.4820, 5.6784,
-1.2997

■ 234.5960, 6.1152,
-1.3997

■ 0.0000, 0.0000,
0.0000

■ 101.3680, 5.2416,

■ 101.3680, 5.2416,

-1.1997

■ 91.6220, 10.0464,
-2.2995

■ 81.8760, 14.8511,
-3.3993

■ 71.2440, 20.0927,
-4.5990

■ 61.4980, 24.8975,
-5.6987

■ 51.7520, 29.7023,
-6.7985

■ 42.0060, 34.5070,
-7.8983

■ 32.2600, 39.3118,
-8.9980

■ 21.6280, 44.5534,
-10.1978

-1.1997

■ 111.1140, 0.4368,
-0.1000

■ 120.8600, -4.3680,
0.9998

■ 131.4920, -9.6096,
2.1995

■ 141.2380,
-14.4143, 3.2993

■ 150.9840,
-19.2191, 4.3990

■ 160.7300,
-24.0239, 5.4988

■ 170.4760,
-28.8287, 6.5985

■ 181.1080,
-34.0702, 7.7983

■ 12.7680, 48.9214,
-11.1975

■ 190.8540,
-38.8750, 8.8980

Harmonies

Analogous

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



100.5630, 6.1314, -6.6328



101.3680, 5.2416, -1.1997



101.8310, 3.0413, 4.5332

Triad

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



101.3680, 5.2416, -1.1997



101.5020, -4.6845, 9.2067



98.9450, 0.0271, -8.7218

Complementary

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



101.3680, 5.2416, -1.1997



110.6320, -5.2416, 1.1997

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.



99.1690, -3.0413, -4.5332



101.3680, 5.2416, -1.1997



101.1380, -5.9840, 6.0180

Square

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



101.3680, 5.2416, -1.1997



102.0830, -2.5059, 10.4512



100.3330, -5.0942, 0.5850



98.7320, 3.0901, -11.1660

Rectangle

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



101.3680, 5.2416, -1.1997



102.0980, 1.4307, 7.8071



100.3330, -5.0942, 0.5850



99.0160, -0.9939, -7.9070

Sweetspot

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



101.3680, 5.2416, -1.1997



141.4560, 1.7472, -0.3999



108.4120, 1.7689, -7.3773



71.3420, 1.3104, -0.2999



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



101.3680, 5.2416, -1.1997



128.1660, 8.2992, -1.8996



103.1620, 4.3571, 2.4889



50.6840, 2.6208, -0.5999



13.6800, 52.4158, -11.9974



28.1580, 107.8891, -24.6946

Inverse Universe

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



104.9560, 3.4727, 6.1776



133.8470, 5.4984, 9.7812



108.8380, -4.3571, -2.4889



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 101.3680, 5.2416, -1.1997 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 101.3680, 5.2416, -1.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

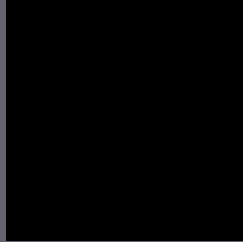
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

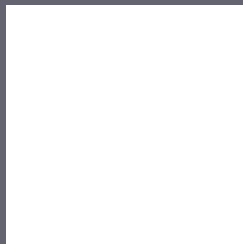
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.3680, 5.2416, -1.1997

Background



This preview shows how black text looks on a background with the YUV color 101.3680, 5.2416, -1.1997.



This preview shows how white text looks on a background with the YUV color 101.3680, 5.2416,

-1.1997.

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

101.3680, 5.2416, -1.1997

Protanopia

101.0690, 5.3890, -1.8145

Deuteranopia

101.6890, 5.0833, 2.9037



Tritanopia

101.3140, 3.7892, -2.0294

Trichromacy



Original Color

101.3680, 5.2416, -1.1997

Protanomaly

101.0690, 5.3890, -1.8145

Deuteranomaly

101.6780, 5.0887, 1.1594

Tritanomaly

101.4280, 4.2260, -2.1294

Monochromacy



Original Color

101.3680, 5.2416, -1.1997

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.4560, 1.7472, -0.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3680, 5.2416, -1.1997 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 112) }
```

Border

The CSS property to change the border of an element to YUV 101.3680, 5.2416, -1.1997 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, 112) }
```


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

```
.border{ border-color:rgb(100, 100, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 112);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 101.3680, 5.2416, -1.1997 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, 112) }
```

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

```
.background{ background-color: rgb(100,  
100, 112) }
```

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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