

Converting Colors

YUV(116.3680, 5.2416, -1.1997)

Have a look what the booklet for
YUV(116.3680, 5.2416, -1.1997)
contains.

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Color

**YUV(116.3680, 5.2416,
-1.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	73737F
RGB	115, 115, 127
RGB Percent	45%, 45%, 50%
CMY	0.5490, 0.5490, 0.5020
CMYK	0.09, 0.09, 0.00, 0.50
HSL	240°, 5%, 47%
HSV	240°, 9%, 50%
XYZ	17.0317, 17.4386, 22.5470
YIQ	116.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

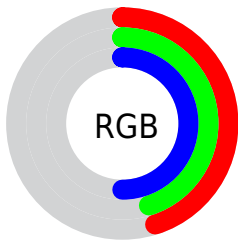
Format	Color
R_{YB}	115, 115, 127
Decimal	7566207
CIE _{Lab}	48.81, 2.54, -6.59
CIE _{LCh}	49, 7.060, 291.115
Yxy	17.4386, 0.2987, 0.3058
Android (android.graphics.Color)	4285756287 (0xFF73737F)
YUV	116.3680, 5.2416, -1.1997
Hunter-Lab	41.7596, -0.2776, -2.7804

Details

The YUV color **116.3680, 5.2416, -1.1997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.6320, -5.2416, 1.1997**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4820, 5.6784, -1.2997**, and **68.2540, 4.8048, -1.0998** is the 20% darker color. If you saturate the color by 10%, you get **104.8500, 10.9200, -2.4994**, and if you desaturate by 10%, it is **127.8860, -0.4368, 0.1000**.

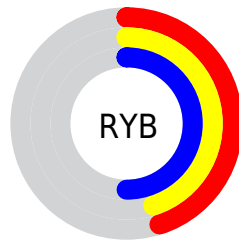
Distribution



Red (45%)

Green (45%)

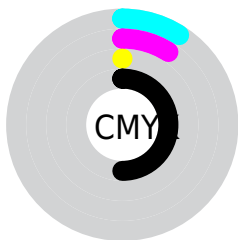
Blue (50%)



Red (45%)

Yellow (45%)

Blue (50%)

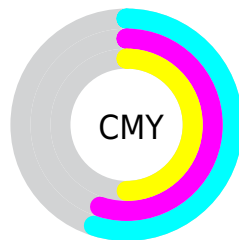


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3680, 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 116.3680, 5.2416, -1.1997 by changing the saturation by 10% instead.

■ 116.3680, 5.2416,
-1.1997

■ 116.3680, 5.2416,
-1.1997

255.0000, 0.0000,
0.0000

■ 91.3680, 5.2416,
-1.1997

■ 168.4820, 5.6784,
-1.2997

■ 68.2540, 4.8048,
-1.0998

■ 195.4820, 5.6784,
-1.2997

■ 46.1400, 4.3680,
-0.9998

■ 223.4820, 5.6784,
-1.2997

■ 25.1400, 4.3680,
-0.9998

■ 250.8690, 2.0366,
0.1149

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 116.3680, 5.2416,
-1.1997

■ 116.3680, 5.2416,
-1.1997

■ 104.8500, 10.9200,
-2.4994

■ 127.8860, -0.4368,
0.1000

■ 94.2180, 16.1615,
-3.6992

■ 138.5180, -5.6784,
1.2997

■ 82.7000, 21.8399,
-4.9989

■ 150.0360,
-11.3567, 2.5994

■ 71.1820, 27.5183,
-6.2986

■ 161.5540,
-17.0351, 3.8991

■ 60.5500, 32.7599,
-7.4983

■ 173.0720,
-22.7135, 5.1989

■ 49.0320, 38.4382,
-8.7981

■ 183.7040,
-27.9551, 6.3986

■ 37.5140, 44.1166,
-10.0978

■ 195.2220,
-33.6334, 7.6983

■ 25.9960, 49.7950,

■ 206.7400,

-11.3975

-39.3118, 8.9980

■ 15.3640, 55.0365,
-12.5972

■ 217.3720,
-44.5534, 10.1978

Harmonies

Analogous

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



115.5630, 6.1314, -6.6328



116.3680, 5.2416, -1.1997



116.8310, 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.



116.3680, 5.2416, -1.1997



116.5020, -4.6845, 9.2067



113.9450, 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.



116.3680, 5.2416, -1.1997



125.6320, -5.2416, 1.1997

Split Complementary

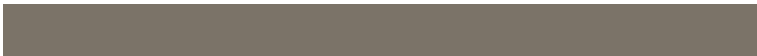
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.1690, -3.0413, -4.5332



116.3680, 5.2416, -1.1997



116.1380, -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.



116.3680, 5.2416, -1.1997



117.0830, -2.5059, 10.4512



115.3330, -5.0942, 0.5850



113.7320, 3.0901, -11.1660

Rectangle

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



116.3680, 5.2416, -1.1997



117.0980, 1.4307, 7.8071



115.3330, -5.0942, 0.5850



114.0160, -0.9939, -7.9070

Sweetspot

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



116.3680, 5.2416, -1.1997



161.5700, 2.1840, -0.4999



123.4120, 1.7689, -7.3773



81.3420, 1.3104, -0.2999



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



116.3680, 5.2416, -1.1997



150.0520, 7.8624, -1.7996



118.1620, 4.3571, 2.4889



57.7980, 3.0576, -0.6998



14.5920, 55.9101, -12.7972



0.0000, 0.0000, 0.0000

Inverse Universe

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



119.9560, 3.4727, 6.1776



155.4340, 5.2090, 9.2664



123.8380, -4.3571, -2.4889



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.3680, 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 116.3680, 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

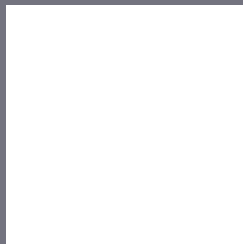
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.3680, 5.2416, -1.1997

Background



This preview shows how black text looks on a background with the YUV color 116.3680, 5.2416, -1.1997.



This preview shows how white text looks on a background with the YUV color 116.3680, 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

116.3680, 5.2416, -1.1997

Protanopia

116.3680, 5.2416, -1.1997

Deuteranopia

117.2870, 4.7885, 4.1333



Tritanopia

116.1400, 4.3680, -0.9998

Trichromacy



Original Color

116.3680, 5.2416, -1.1997

Protanomaly

116.3680, 5.2416, -1.1997

Deuteranomaly

116.9770, 4.9413, 1.7742

Tritanomaly

116.2540, 4.8048, -1.0998

Monochromacy



Original Color

116.3680, 5.2416, -1.1997

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.4560, 1.7472, -0.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3680, 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(115, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(115, 115, 127)  
}
```

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(115, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 115, 127) }
```

Border

The CSS property to change the border of an element to YUV 116.3680, 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(115, 115, 127) }
```


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

```
.border{ border-color:rgb(115, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(115, 115,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 116.3680, 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(115, 115, 127) }
```

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

```
.background{ background-color: rgb(115,  
115, 127) }
```

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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