

Converting Colors

YUV(116.4820, 5.6784, -1.2997)

Have a look what the booklet for
YUV(116.4820, 5.6784, -1.2997)
contains.

| | |
|--|----|
| YUV(116.4820, 5.6784, -1.2997) | 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(116.4820, 5.6784,
-1.2997)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 737380 |
| RGB | 115, 115, 128 |
| RGB Percent | 45%, 45%, 50% |
| CMY | 0.5490, 0.5490, 0.4980 |
| CMYK | 0.10, 0.10, 0.00, 0.50 |
| HSL | 240°, 5%, 48% |
| HSV | 240°, 10%, 50% |
| XYZ | 17.0972, 17.4648, 22.8920 |
| YIQ | 116.4820, -4.1730, 4.0430 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 115, 115, 128 |
| Decimal | 7566208 |
| CIE Lab | 48.84, 2.76, -7.13 |
| CIE LCh | 49, 7.648, 291.191 |
| Yxy | 17.4648, 0.2976, 0.3040 |
| Android (android.graphics.Color) | 4285756288 (0xFF737380) |
| YUV | 116.4820, 5.6784, -1.2997 |
| Hunter-Lab | 41.7909, -0.1073, -3.2239 |

Details

The YUV color **116.4820, 5.6784, -1.2997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.5180, -5.6784, 1.2997**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5960, 6.1152, -1.3997**, and **68.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **104.9640, 11.3567, -2.5994**, and if you desaturate by 10%, it is **128.0000, 0.0000, 0.0000**.

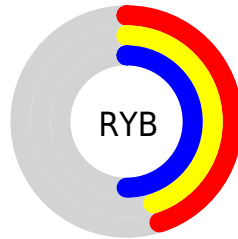
Distribution



Red (45%)

Green (45%)

Blue (50%)



Red (45%)

Yellow (45%)

Blue (50%)

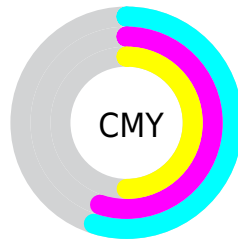


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4820, 5.6784, -1.2997 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 116.4820, 5.6784, -1.2997 by changing the saturation by 10% instead.

■ 116.4820, 5.6784,
-1.2997

■ 116.4820, 5.6784,
-1.2997

■ 255.0000, 0.0000,
0.0000

■ 91.4820, 5.6784,
-1.2997

■ 168.5960, 6.1152,
-1.3997

■ 68.3680, 5.2416,
-1.1997

■ 195.5960, 6.1152,
-1.3997

■ 46.2540, 4.8048,
-1.0998

■ 223.7100, 6.5520,
-1.4997

■ 25.2540, 4.8048,
-1.0998

■ 250.8690, 2.0366,
0.1149

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 116.4820, 5.6784,
-1.2997

■ 116.4820, 5.6784,
-1.2997

■ 104.9640, 11.3567,
-2.5994

■ 128.0000, 0.0000,
0.0000

■ 93.4460, 17.0351,
-3.8991

■ 139.5180, -5.6784,
1.2997

■ 82.8140, 22.2767,
-5.0989

■ 150.1500,
-10.9200, 2.4994

■ 71.2960, 27.9551,
-6.3986

■ 161.6680,
-16.5983, 3.7992

■ 59.7780, 33.6334,
-7.6983

■ 173.1860,
-22.2767, 5.0989

■ 48.2600, 39.3118,
-8.9980

■ 184.7040,
-27.9551, 6.3986

■ 36.7420, 44.9902,
-10.2977

■ 196.2220,
-33.6334, 7.6983

■ 26.1100, 50.2318,

■ 206.8540,

-11.4975

-38.8750, 8.8980

■ 14.5920, 55.9101,
-12.7972

■ 218.3720,
-44.5534, 10.1978

Harmonies

Analogous

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



115.3780, 6.7156, -7.3475



116.4820, 5.6784, -1.2997



117.2440, 3.3307, 5.0480

Triad

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



116.4820, 5.6784, -1.2997



116.6870, -5.2687, 9.9215



114.2330, -0.1149, -9.8513

Complementary

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



116.4820, 5.6784, -1.2997



126.5180, -5.6784, 1.2997

Split Complementary

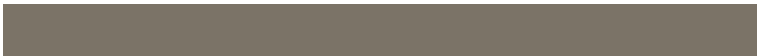
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.7560, -3.3307, -5.0480



116.4820, 5.6784, -1.2997



116.0240, -6.4208, 6.1180

Square

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



116.4820, 5.6784, -1.2997



117.3820, -2.6533, 11.0660



115.2190, -5.5310, 0.6849



114.0200, 2.9481, -12.2955

Rectangle

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



116.4820, 5.6784, -1.2997



117.3970, 1.2833, 8.4218



115.2190, -5.5310, 0.6849



114.6030, -1.2833, -8.4218

Sweetspot

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



116.4820, 5.6784, -1.2997



161.5700, 2.1840, -0.4999



124.1130, 1.9163, -7.9921



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.



116.4820, 5.6784, -1.2997



148.2800, 8.7360, -1.9996



118.5750, 4.6465, 3.0037



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.



120.3690, 3.7621, 6.6924



154.2600, 5.7878, 10.2960



124.7240, -4.7939, -2.3889



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 116.4820, 5.6784, -1.2997 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 116.4820, 5.6784, -1.2997 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

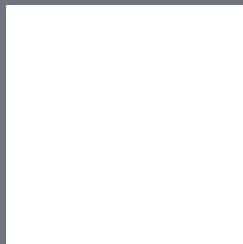
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.4820, 5.6784, -1.2997

Background



This preview shows how black text looks on a background with the YUV color 116.4820, 5.6784, -1.2997.



This preview shows how white text looks on a background with the YUV color 116.4820, 5.6784,

-1.2997.

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

116.4820, 5.6784, -1.2997

Protanopia

116.1830, 5.8258, -1.9145

Deuteranopia

117.1020, 5.3727, 3.4185



Tritanopia

116.4280, 4.2260, -2.1294

Trichromacy



Original Color

116.4820, 5.6784, -1.2997

Protanomaly

116.1830, 5.8258, -1.9145

Deuteranomaly

117.0910, 5.3781, 1.6742

Tritanomaly

116.5420, 4.6628, -2.2293

Monochromacy



Original Color

116.4820, 5.6784, -1.2997

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 116.4820, 5.6784, -1.2997 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 115, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 115, 128) }
```

Border

The CSS property to change the border of an element to YUV 116.4820, 5.6784, -1.2997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

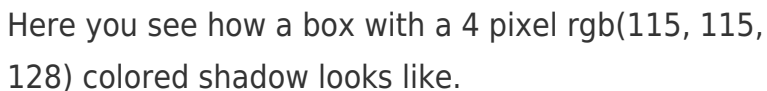
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 115, 128) }
```


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

```
.border{ border-color:rgb(115, 115, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 115, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 115, 128); box-shadow:4px 4px 4px 4px rgb(115, 115, 128) }
```

Background

The CSS property to change the background color of an element to YUV 116.4820, 5.6784, -1.2997 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, 128) }
```

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

```
.background{ background-color: rgb(115,  
115, 128) }
```

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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