

Converting Colors

YUV(115.5880, 35.2061, 1.2383)

Have a look what the booklet for
YUV(115.5880, 35.2061, 1.2383)
contains.

YUV(115.5880, 35.2061, 1.2383)	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(115.5880, 35.2061,
1.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	7565BB
RGB	117, 101, 187
RGB Percent	46%, 40%, 73%
CMY	0.5412, 0.6039, 0.2667
CMYK	0.37, 0.46, 0.00, 0.27
HSL	251°, 39%, 56%
HSV	251°, 46%, 73%
XYZ	20.9594, 16.6771, 49.1280
YIQ	115.5880, -18.0700, 30.1380

Conversions

Conversions Part 2

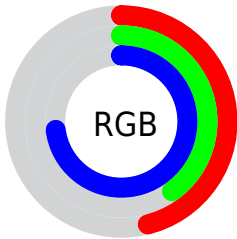
Format	Color
R_{YB}	117, 101, 187
Decimal	7693755
CIE _{Lab}	47.85, 26.86, -43.31
CIE _{LCh}	48, 50.963, 301.804
Yxy	16.6771, 0.2416, 0.1922
Android (android.graphics.Color)	4285883835 (0xFF7565BB)
YUV	115.5880, 35.2061, 1.2383
Hunter-Lab	40.8376, 20.1472, -42.7400

Details

The YUV color **115.5880, 35.2061, 1.2383** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **172.4120, -35.2061, -1.2383**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4680, 37.2373, 3.0976**, and **65.9960, 33.0330, -1.7505** is the 20% darker color. If you saturate the color by 10%, you get **99.9500, 42.9156, 1.7978**, and if you desaturate by 10%, it is **131.2260, 27.4966, 0.6788**.

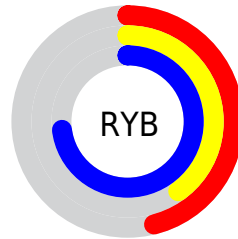
Distribution



Red (46%)

Green (40%)

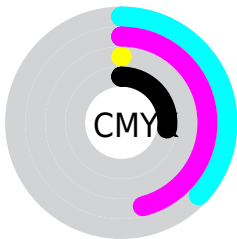
Blue (73%)



Red (46%)

Yellow (40%)

Blue (73%)

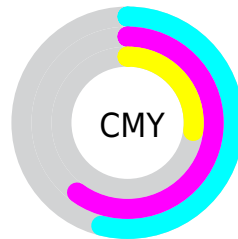


Cyan (37%)

Magenta (46%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5880, 35.2061, 1.2383 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 115.5880, 35.2061, 1.2383 by changing the saturation by 10% instead.

■ 115.5880, 35.2061,
1.2383

■ 115.5880, 35.2061,
1.2383

■ 255.0000, 0.0000,
0.0000

■ 90.3490, 34.3379,
-0.3061

■ 168.4680, 37.2373,
3.0976

■ 65.9960, 33.0330,
-1.7505

■ 193.9430, 30.1011,
5.3120

■ 41.7460, 32.1702,
-5.0392

■ 219.0500, 17.7234,
8.7262

■ 16.5060, 32.7815,
-14.4758

■ 243.2600, 5.7878,
10.2960

■ 6.7260, 25.7711,
-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 115.5880, 35.2061,
1.2383

■ 115.5880, 35.2061,
1.2383

■ 99.9500, 42.9156,
1.7978

■ 131.2260, 27.4966,
0.6788

■ 84.8990, 50.3358,
1.8426

■ 146.2770, 20.0764,
0.6341

■ 68.9620, 58.1927,
1.7873

■ 162.2140, 12.2195,
0.6893

■ 53.3240, 65.9023,
2.3469

■ 177.8520, 4.5100,
0.1298

■ 37.6860, 73.6118,
2.9064

■ 193.4900, -3.1996,
-0.4297

■ 31.7830, 76.5220,
2.8213

■ 208.5410,
-10.6197, -0.4745

■ 224.4780,
-18.4767, -0.4192

■ 240.1160,
-26.1862, -0.9787

■ 246.9490,
-29.5549, 6.1837

Harmonies

Analogous

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



92.0660, 53.2115, -80.7419



115.5880, 35.2061, 1.2383



115.7370, 19.3567, 44.9577

Triad

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



115.5880, 35.2061, 1.2383



110.2750, -37.1106, 49.7478



91.7680, 11.4534, -80.4805

Complementary

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



115.5880, 35.2061, 1.2383



172.4120, -35.2061, -1.2383

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.



86.4860, -7.6346, -71.4632



115.5880, 35.2061, 1.2383



107.1070, -45.9018, 22.7082

Square

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



115.5880, 35.2061, 1.2383



110.6790, -19.5617, 67.8105



103.1610, -34.5894, -12.4192



96.0830, 30.5251, -84.2648

Rectangle

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



115.5880, 35.2061, 1.2383



112.6440, 7.0775, 63.4562



103.1610, -34.5894, -12.4192



89.4710, 5.1908, -78.4661

Sweetspot

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



115.5880, 35.2061, 1.2383



213.9690, 13.8193, 0.9042



151.8940, 17.3073, -44.6340



105.1770, 8.2937, -0.1552



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



115.5880, 35.2061, 1.2383



131.6370, 54.4090, 2.0724



128.4450, 28.8676, 27.6737



86.6240, 3.6364, 0.3298



26.6830, 64.7393, 2.0320



5.3280, 12.6563, 0.5893

Inverse Universe

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



134.6940, 17.8989, 45.8724



161.0790, 27.5691, 70.9677



159.5550, -28.8676, -27.6737



88.6030, 2.1677, 4.7332



61.9480, 33.0566, 84.2376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 115.5880, 35.2061, 1.2383 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 115.5880, 35.2061, 1.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

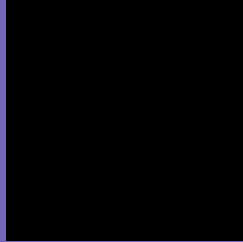
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.5880, 35.2061, 1.2383

Background



This preview shows how black text looks on a background with the YUV color 115.5880, 35.2061, 1.2383.



This preview shows how white text looks on a background with the YUV color 115.5880, 35.2061, 1.2383.

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

115.5880, 35.2061, 1.2383

Protanopia

110.2250, 42.2871, -30.0153

Deuteranopia

109.1230, 36.9144, -33.4339



Tritanopia

112.4380, 5.7001, -8.2771

Trichromacy



Original Color

115.5880, 35.2061, 1.2383

Protanomaly

112.0200, 39.9231, -18.4345

Deuteranomaly

111.3850, 36.2922, -20.5086

Tritanomaly

113.6200, 16.4563, -4.9287

Monochromacy



Original Color

115.5880, 35.2061, 1.2383

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0290, 12.8037, -0.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5880, 35.2061, 1.2383 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(117, 101, 187)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 187)  
}
```

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(117, 101, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 187) }
```

Border

The CSS property to change the border of an element to YUV 115.5880, 35.2061, 1.2383 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(117, 101, 187) }
```


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

```
.border{ border-color:rgb(117, 101, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 187);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 115.5880, 35.2061, 1.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 187) }
```

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

```
.background{ background-color: rgb(117,  
101, 187) }
```

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