

Converting Colors

YUV(100.5870, 3.1616, 12.6402)

Have a look what the booklet for
YUV(100.5870, 3.1616, 12.6402)
contains.

YUV(100.5870, 3.1616, 12.6402)	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(100.5870, 3.1616,
12.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	735C6B
RGB	115, 92, 107
RGB Percent	45%, 36%, 42%
CMY	0.5490, 0.6392, 0.5804
CMYK	0.00, 0.20, 0.07, 0.55
HSL	321°, 11%, 41%
HSV	321°, 20%, 45%
XYZ	13.5512, 12.3607, 15.5815
YIQ	100.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

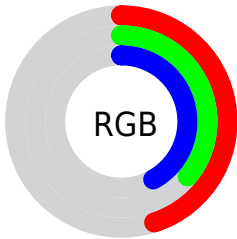
Format	Color
R_{YB}	115, 92, 107
Decimal	7560299
CIE _{Lab}	41.78, 12.14, -4.98
CIE _{LCh}	42, 13.122, 337.675
Yxy	12.3607, 0.3266, 0.2979
Android (android.graphics.Color)	4285750379 (0xFF735C6B)
YUV	100.5870, 3.1616, 12.6402
Hunter-Lab	35.1577, 7.2751, -1.6663

Details

The YUV color **100.5870, 3.1616, 12.6402** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.4130, -3.1616, -12.6402**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2990, 3.3036, 13.7698**, and **53.8750, 3.0196, 11.5106** is the 20% darker color. If you saturate the color by 10%, you get **93.6740, 4.5977, 18.7029**, and if you desaturate by 10%, it is **108.0870, 1.4361, 6.0627**.

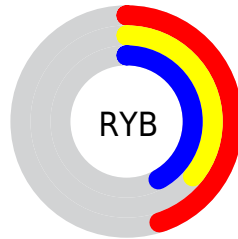
Distribution



Red (45%)

Green (36%)

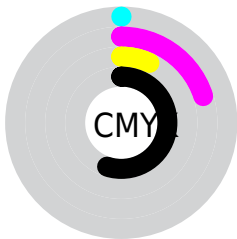
Blue (42%)



Red (45%)

Yellow (36%)

Blue (42%)

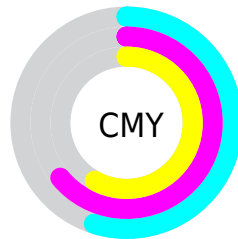


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5870, 3.1616, 12.6402 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 100.5870, 3.1616, 12.6402 by changing the saturation by 10% instead.

■ 100.5870, 3.1616,
12.6402

■ 100.5870, 3.1616,
12.6402

■ 255.0000, 0.0000,
0.0000

■ 76.2880, 3.3090,
12.0254

■ 151.2990, 3.3036,
13.7698

■ 53.8750, 3.0196,
11.5106

■ 178.2990, 3.3036,
13.7698

■ 32.1630, 2.8776,
10.3810

■ 205.7120, 3.5930,
14.2846

■ 9.4130, 3.7404,
13.6698

■ 234.0110, 3.4456,
14.8994

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5788,
1.0296

■ 100.5870, 3.1616,
12.6402

■ 100.5870, 3.1616,
12.6402

■ 93.6740, 4.5977,
18.7029

■ 108.0870, 1.4361,
6.0627

■ 86.1740, 6.3232,
25.2804

■ 115.0000, 0.0000,
0.0000

■ 79.2610, 7.7593,
31.3431

■ 122.5000, -1.7255,
-6.5775

■ 71.7610, 9.4848,
37.9206

■ 129.4130, -3.1616,
-12.6402

■ 64.8480, 10.9209,
43.9833

■ 136.9130, -4.8871,
-19.2177

■ 57.3480, 12.6464,
50.5608

■ 143.8260, -6.3232,
-25.2804

■ 49.8480, 14.3719,
57.1383


■ 151.3260, -8.0487,
-31.8579

■ 42.9350, 15.8080,

■ 158.2390, -9.4848,

63.2010

-37.9206

 165.1520,
-10.9209, -43.9833

Harmonies

Analogous

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



100.0850, 7.8461, 3.4335



100.5870, 3.1616, 12.6402



100.5400, -2.2382, 17.9434

Triad

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



100.5870, 3.1616, 12.6402



97.9870, -10.3466, 5.2734



94.6320, 8.0694, -21.6023

Complementary

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



100.5870, 3.1616, 12.6402



106.4130, -3.1616, -12.6402

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.



94.3780, 3.2646, -20.5025



100.5870, 3.1616, 12.6402



96.6160, -7.6987, -4.0482

Square

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



100.5870, 3.1616, 12.6402



98.8570, -9.7895, 13.2804



95.2280, -2.5774, -13.3550



96.3490, 10.6739, -16.9691

Rectangle

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



100.5870, 3.1616, 12.6402



100.3290, -5.5852, 18.1285



95.2280, -2.5774, -13.3550



94.5780, 6.6170, -22.4319

Sweetspot

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



100.5870, 3.1616, 12.6402



144.3750, 1.2941, 4.9331



97.0140, 8.8671, 2.6187



73.2500, 0.8628, 3.2887



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



100.5870, 3.1616, 12.6402



127.5000, 5.1765, 19.7325



99.3330, -1.6432, 13.7400



55.2500, 0.8628, 3.2888



45.5980, 16.9602, 67.0046



93.3320, 34.3463, 137.3978

Inverse Universe

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



100.5870, 3.1616, 12.6402



127.5000, 5.1765, 19.7325



107.6670, 1.6432, -13.7400



55.2500, 0.8628, 3.2888



45.5980, 16.9602, 67.0046



93.3320, 34.3463, 137.3978

Previews

White Background



This preview shows how the YUV color 100.5870, 3.1616, 12.6402 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 100.5870, 3.1616, 12.6402 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 100.5870, 3.1616, 12.6402

Background



This preview shows how black text looks on a background with the YUV color 100.5870, 3.1616, 12.6402.



This preview shows how white text looks on a background with the YUV color 100.5870, 3.1616,

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

100.5870, 3.1616, 12.6402

Protanopia

99.1830, 5.8258, -1.9145

Deuteranopia

99.8310, 3.0413, 4.5332



Tritanopia

100.0770, -0.0380, 12.2105

Trichromacy



Original Color

100.5870, 3.1616, 12.6402

Protanomaly

99.9880, 4.9359, 3.5185

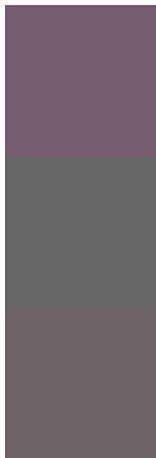
Deuteranomaly

100.4400, 2.7411, 7.5071

Tritanomaly

100.4190, 1.2724, 11.9105

Monochromacy



Original Color

100.5870, 3.1616, 12.6402

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5870, 3.1616, 12.6402 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, 92, 107)` looks like.

```
.text, #text, p{  
    color:rgb(115, 92, 107)  
}
```

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, 92, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 92, 107) }
```

Border

The CSS property to change the border of an element to YUV 100.5870, 3.1616, 12.6402 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, 92, 107) }
```


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

```
.border{ border-color:rgb(115, 92, 107) }
```

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

Here you see how a box with a 4 pixel rgb(115, 92, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 92, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 92, 107);  
box-shadow:4px 4px 4px 4px rgb(115, 92,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 100.5870, 3.1616, 12.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 92, 107) }
```

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

```
.background{ background-color: rgb(115, 92,  
107) }
```

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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