

Converting Colors

YUV(107.7090, -5.2795,
13.4102)

Have a look what the booklet for
YUV(107.7090, -5.2795, 13.4102)
contains.

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Color

**YUV(107.7090, -5.2795,
13.4102)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B6661 |
| RGB | 123, 102, 97 |
| RGB Percent | 48%, 40%, 38% |
| CMY | 0.5176, 0.6000, 0.6196 |
| CMYK | 0.00, 0.17, 0.21, 0.52 |
| HSL | 12°, 12%, 43% |
| HSV | 12°, 21%, 48% |
| XYZ | 15.0774, 14.5768, 13.3282 |
| YIQ | 107.7090, 14.1210, 2.8970 |

Conversions

Conversions Part 2

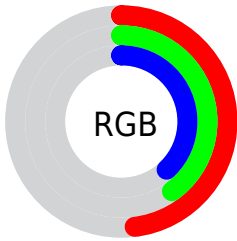
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 103, 97 |
| Decimal | 8087137 |
| CIE Lab | 45.05, 7.52, 5.95 |
| CIE LCh | 45, 9.594, 38.352 |
| Yxy | 14.5768, 0.3508, 0.3391 |
| Android (android.graphics.Color) | 4286277217 (0xFF7B6661) |
| YUV | 107.7090, -5.2795, 13.4102 |
| Hunter-Lab | 38.1795, 3.6770, 6.0280 |

Details

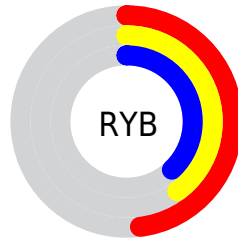
The YUV color **107.7090, -5.2795, 13.4102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.2910, 5.2795, -13.4102**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3070, -5.5744, 14.6398**, and **60.2250, -4.5479, 12.0807** is the 20% darker color. If you saturate the color by 10%, you get **100.4710, -7.6272, 19.7579**, and if you desaturate by 10%, it is **114.9470, -2.9319, 7.0625**.

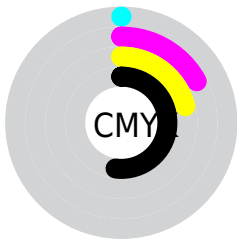
Distribution



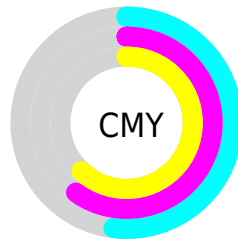
- Red (48%)
- Green (40%)
- Blue (38%)



- Red (48%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7090, -5.2795, 13.4102 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 107.7090, -5.2795, 13.4102 by changing the saturation by 10% instead.

■ 107.7090, -5.2795,
13.4102

■ 107.7090, -5.2795,
13.4102

255.0000, 0.0000,
0.0000

■ 83.4100, -5.1321,
12.7954

■ 159.3070, -5.5744,
14.6398

■ 60.2250, -4.5479,
12.0807

■ 186.1930, -6.0111,
14.7397

■ 38.6270, -4.2531,
10.8511

■ 213.9050, -5.8692,
15.8693

■ 16.7690, -6.2951,
12.4806

■ 240.9970, -5.4215,
12.2806

■ 0.0000, 0.0000,
0.0000

■ 107.7090, -5.2795,

■ 107.7090, -5.2795,

13.4102

13.4102

■ 100.4710, -7.6272,
19.7579

■ 114.9470, -2.9319,
7.0625

■ 93.1190, -10.4117,
26.2056

■ 122.2990, -0.1474,
0.6148

■ 85.8810, -12.7593,
32.5534

■ 129.5370, 2.2003,
-5.7329

■ 78.6430, -15.1070,
38.9011

■ 136.7750, 4.5479,
-12.0807

■ 71.2910, -17.8915,
45.3488

■ 144.1270, 7.3324,
-18.5284

■ 64.0530, -20.2391,
51.6965

■ 151.3650, 9.6801,
-24.8761

■ 56.8150, -22.5868,
58.0442

■ 158.6030, 12.0277,
-31.2238

■ 50.8650, -25.0764,
63.2624

■ 165.2540, 14.6648,
-37.0568

■ 172.6060, 17.4492,
-43.5045

Harmonies

Analogous

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



108.0340, -1.4958, 13.1252



107.7090, -5.2795, 13.4102



106.8180, -7.3053, 9.8066

Triad

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



107.7090, -5.2795, 13.4102



104.3640, -2.1515, -9.9662



106.9160, 7.4364, -5.1883

Complementary

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



107.7090, -5.2795, 13.4102



112.2910, 5.2795, -13.4102

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.



105.2850, 7.7475, -11.6509



107.7090, -5.2795, 13.4102



103.5960, 2.6642, -14.5547

Square

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



107.7090, -5.2795, 13.4102



105.1970, -5.5201, -2.8038



104.0950, 5.8692, -15.8693



107.8030, 5.5201, 2.8038

Rectangle

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



107.7090, -5.2795, 13.4102



106.6820, -7.7312, 6.4179



104.0950, 5.8692, -15.8693



105.7200, 8.0260, -7.6474

Sweetspot

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



107.7090, -5.2795, 13.4102



155.1640, -2.0529, 5.1182



107.1680, 5.3402, 13.8847



78.3810, -1.1738, 3.1739



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



107.7090, -5.2795, 13.4102



136.9550, -8.3588, 21.0875



115.3400, -9.0416, 6.7178



57.3810, -1.1738, 3.1739



51.4630, -25.3713, 64.4919



104.1110, -51.3267, 129.6987

Inverse Universe

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



112.2910, 5.2795, -13.4102



144.0450, 8.3588, -21.0875



104.6600, 9.0416, -6.7178



58.6190, 1.1738, -3.1739



73.5370, 25.3713, -64.4919



148.4760, 51.0373, -130.2135

Previews

White Background



This preview shows how the YUV color 107.7090, -5.2795, 13.4102 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 107.7090, -5.2795, 13.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

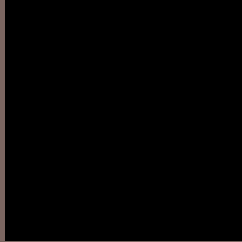
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7090, -5.2795, 13.4102

Background



This preview shows how black text looks on a background with the YUV color 107.7090, -5.2795, 13.4102.



This preview shows how white text looks on a background with the YUV color 107.7090, -5.2795,

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

107.7090, -5.2795, 13.4102

Protanopia

106.3980, -3.6472, 3.1590

Deuteranopia

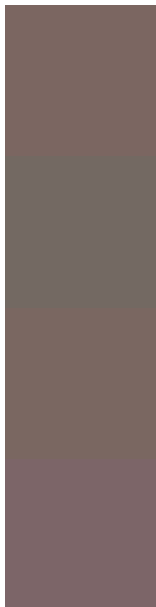
107.6980, -5.2741, 11.6659



Tritanopia

108.0880, -0.0434, 13.9548

Trichromacy



Original Color

107.7090, -5.2795, 13.4102

Protanomaly

107.1920, -4.5317, 6.8476

Deuteranomaly

107.9970, -5.4215, 12.2806

Tritanomaly

108.2190, -2.0800, 13.8399

Monochromacy



Original Color

107.7090, -5.2795, 13.4102

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7090, -5.2795, 13.4102 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(123, 102, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 102, 97)  
}
```

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(123, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 102, 97) }
```

Border

The CSS property to change the border of an element to YUV 107.7090, -5.2795, 13.4102 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(123, 102, 97) }
```


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

```
.border{ border-color:rgb(123, 102, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 102, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 102,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 107.7090, -5.2795, 13.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 102, 97) }
```

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

```
.background{ background-color: rgb(123,  
102, 97) }
```

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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