

Converting Colors

YUV(112.0790, 10.3141, 5.1927)

Have a look what the booklet for
YUV(112.0790, 10.3141, 5.1927)
contains.

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Color

**YUV(112.0790, 10.3141,
5.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	766985
RGB	118, 105, 133
RGB Percent	46%, 41%, 52%
CMY	0.5373, 0.5882, 0.4784
CMYK	0.11, 0.21, 0.00, 0.48
HSL	268°, 12%, 47%
HSV	268°, 21%, 52%
XYZ	16.7564, 15.6482, 24.3275
YIQ	112.0790, -1.2400, 11.4640

Conversions

Conversions Part 2

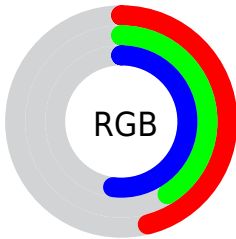
Format	Color
R_{YB}	118, 105, 133
Decimal	7760261
CIE _{Lab}	46.51, 10.92, -13.59
CIE _{LCh}	47, 17.432, 308.802
Yxy	15.6482, 0.2954, 0.2758
Android (android.graphics.Color)	4285950341 (0xFF766985)
YUV	112.0790, 10.3141, 5.1927
Hunter-Lab	39.5578, 6.3855, -8.7722

Details

The YUV color **112.0790, 10.3141, 5.1927** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.9210, -10.3141, -5.1927**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6060, 11.0402, 5.6075**, and **64.1390, 9.2985, 4.2631** is the 20% darker color. If you saturate the color by 10%, you get **102.3550, 15.1080, 7.5817**, and if you desaturate by 10%, it is **121.8030, 5.5201, 2.8038**.

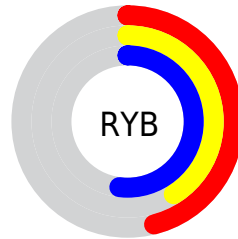
Distribution



Red (46%)

Green (41%)

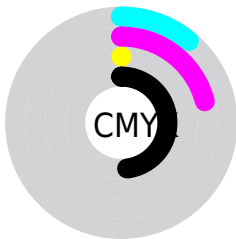
Blue (52%)



Red (46%)

Yellow (41%)

Blue (52%)

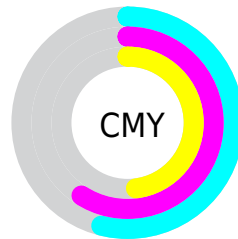


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0790, 10.3141, 5.1927 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 112.0790, 10.3141, 5.1927 by changing the saturation by 10% instead.

■ 112.0790, 10.3141,
5.1927

■ 112.0790, 10.3141,
5.1927

■ 255.0000, 0.0000,
0.0000

■ 87.6660, 10.0247,
4.6779

■ 163.6060, 11.0402,
5.6075

■ 64.1390, 9.2985,
4.2631

■ 191.0190, 11.3296,
6.1223

■ 42.0250, 8.8617,
4.3631

■ 219.0190, 11.3296,
6.1223

■ 21.4980, 8.1355,
3.9483

■ 245.3090, 4.7777,
7.6220

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 112.0790, 10.3141,
5.1927

■ 112.0790, 10.3141,
5.1927

■ 102.3550, 15.1080,
7.5817

■ 121.8030, 5.5201,
2.8038

■ 92.0440, 20.1913,
10.4854

■ 132.1140, 0.4368,
-0.1000

■ 82.3200, 24.9852,
12.8744

■ 141.8380, -4.3571,
-2.4889

■ 72.5960, 29.7792,
15.2633

■ 151.8610, -9.2985,
-4.2631

■ 62.5730, 34.7205,
17.0375

■ 161.5850,
-14.0924, -6.6520

■ 52.2620, 39.8038,
19.9412

■ 171.8960,
-19.1757, -9.5558

■ 42.5380, 44.5978,
22.3302


■ 181.6200,
-23.9697, -11.9447

■ 33.7000, 48.9549,

■ 191.3440,

24.8191

-28.7636, -14.3337

 201.6550,
-33.8469, -17.2374

Harmonies

Analogous

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



109.7180, 14.4360, -10.2767



112.0790, 10.3141, 5.1927



112.8480, 4.0189, 17.6733

Triad

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



112.0790, 10.3141, 5.1927



110.5540, -13.5841, 17.0541



104.0780, 4.8915, -29.0094

Complementary

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



112.0790, 10.3141, 5.1927



125.9210, -10.3141, -5.1927

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.



105.6680, -3.2873, -19.0028



112.0790, 10.3141, 5.1927



109.3740, -13.9884, 6.6880

Square

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



112.0790, 10.3141, 5.1927



112.0370, -9.3852, 23.6466



107.3230, -10.0192, -6.4223



104.1900, 11.7383, -31.7386

Rectangle

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



112.0790, 10.3141, 5.1927



112.6160, -0.7967, 22.2618



107.3230, -10.0192, -6.4223



104.1170, 2.4073, -25.5356

Sweetspot

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



112.0790, 10.3141, 5.1927



165.6350, 3.6309, 2.0741



116.9970, 7.8895, -10.5214



82.2820, 2.3260, 0.6297



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.0790, 10.3141, 5.1927



140.8820, 15.8342, 7.9965



116.2650, 8.2504, 13.7996



61.5810, 2.1786, 1.2445



32.7600, 47.9393, 23.8895



0.6410, 1.1630, 0.3148

Inverse Universe

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



115.0820, 2.4246, 15.7141



145.4790, 3.7079, 24.1359



121.7350, -8.2504, -13.7996



62.1360, 0.4260, 3.3887



46.8500, 11.4130, 72.9226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 112.0790, 10.3141, 5.1927 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 112.0790, 10.3141, 5.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

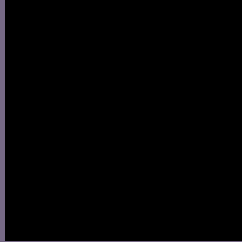
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.0790, 10.3141, 5.1927

Background



This preview shows how black text looks on a background with the YUV color 112.0790, 10.3141, 5.1927.



This preview shows how white text looks on a background with the YUV color 112.0790, 10.3141,

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

112.0790, 10.3141, 5.1927

Protanopia

110.5830, 12.5306, -5.7733

Deuteranopia

111.3340, 10.1883, -1.1699



Tritanopia

111.0050, 2.4625, 3.5036

Trichromacy



Original Color

112.0790, 10.3141, 5.1927

Protanomaly

111.3770, 11.6461, -2.0846

Deuteranomaly

111.6440, 10.0355, 1.1892

Tritanomaly

111.4010, 5.2253, 4.0333

Monochromacy



Original Color

112.0790, 10.3141, 5.1927

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0790, 10.3141, 5.1927 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(118, 105, 133)` looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 133)  
}
```

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(118, 105, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 133) }
```

Border

The CSS property to change the border of an element to YUV 112.0790, 10.3141, 5.1927 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(118, 105, 133) }
```


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

```
.border{ border-color:rgb(118, 105, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 105, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 133);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 112.0790, 10.3141, 5.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 133) }
```

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

```
.background{ background-color: rgb(118,  
105, 133) }
```

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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