

Converting Colors

YUV(96.2790, -3.0955, 12.9103)

Have a look what the booklet for
YUV(96.2790, -3.0955, 12.9103)
contains.

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Color

**YUV(96.2790, -3.0955,
12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5A5A
RGB	111, 90, 90
RGB Percent	44%, 35%, 35%
CMY	0.5647, 0.6471, 0.6471
CMYK	0.00, 0.19, 0.19, 0.56
HSL	0°, 10%, 39%
HSV	0°, 19%, 44%
XYZ	12.0572, 11.4300, 11.2436
YIQ	96.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

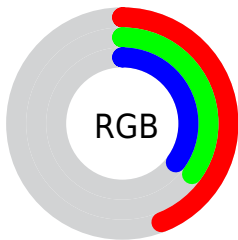
Format	Color
R_{YB}	111, 90, 90
Decimal	7297626
CIE Lab	40.30, 8.58, 3.23
CIE LCh	40, 9.166, 20.638
Yxy	11.4300, 0.3472, 0.3291
Android (android.graphics.Color)	4285487706 (0xFF6F5A5A)
YUV	96.2790, -3.0955, 12.9103
Hunter-Lab	33.8083, 4.4945, 3.9478

Details

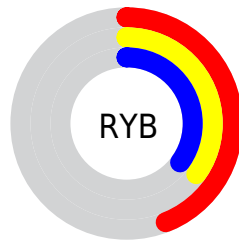
The YUV color **96.2790, -3.0955, 12.9103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.7210, 3.0955, -12.9103**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8770, -3.3904, 14.1399**, and **49.7950, -2.3639, 11.5808** is the 20% darker color. If you saturate the color by 10%, you get **88.5680, -4.7170, 19.6729**, and if you desaturate by 10%, it is **103.9900, -1.4741, 6.1478**.

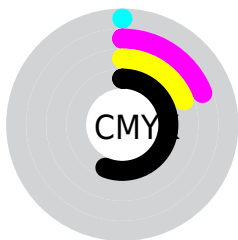
Distribution



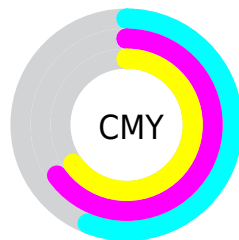
- Red (44%)
- Green (35%)
- Blue (35%)



- Red (44%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2790, -3.0955, 12.9103 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 96.2790, -3.0955, 12.9103 by changing the saturation by 10% instead.

■ 96.2790, -3.0955,
12.9103

■ 96.2790, -3.0955,
12.9103

■ 255.0000, 0.0000,
0.0000

■ 72.6810, -2.8007,
11.6808

■ 146.8770, -3.3904,
14.1399

■ 49.7950, -2.3639,
11.5808

■ 173.1760, -3.5378,
14.7546

■ 28.7840, -2.3585,
9.8364

■ 201.0620, -3.9746,
14.8546

■ 6.2790, -3.0955,
12.9103

■ 229.3610, -4.1220,
15.4694

■ 0.0000, 0.0000,
0.0000

■ 251.4950, -0.7370,
3.0739

■ 96.2790, -3.0955,
12.9103

■ 96.2790, -3.0955,
12.9103

■ 88.5680, -4.7170,
19.6729

■ 103.9900, -1.4741,
6.1478

■ 80.8570, -6.3385,
26.4354

■ 111.7010, 0.1474,
-0.6148

■ 73.1460, -7.9600,
33.1980

■ 119.4120, 1.7689,
-7.3773

■ 65.4350, -9.5815,
39.9605

■ 127.1230, 3.3904,
-14.1399

■ 57.7240, -11.2029,
46.7231

■ 135.5350, 5.1592,
-21.5172

■ 49.3120, -12.9718,
54.1004

■ 143.2460, 6.7807,
-28.2797

■ 41.6010, -14.5933,
60.8629

■ 150.9570, 8.4022,
-35.0423

■ 33.8900, -16.2148,

■ 158.6680, 10.0237,

67.6255

-41.8048

■ 33.1890, -16.3622,
68.2402

■ 166.3790, 11.6452,
-48.5674

Harmonies

Analogous

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



96.5930, 0.6937, 10.8809



96.2790, -3.0955, 12.9103



95.5840, -5.7109, 11.7658

Triad

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



96.2790, -3.0955, 12.9103



93.2290, -4.0569, -5.4628



94.0080, 7.8841, -8.7770

Complementary

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



96.2790, -3.0955, 12.9103



104.7210, 3.0955, -12.9103

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.



92.6330, 6.5899, -13.7101



96.2790, -3.0955, 12.9103



92.5210, -0.2569, -10.9809

Square

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



96.2790, -3.0955, 12.9103



93.9910, -6.4046, 0.8849



92.2370, 3.8272, -14.2398



95.4110, 6.6994, -2.1144

Rectangle

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



96.2790, -3.0955, 12.9103



95.5190, -7.1579, 9.1918



92.2370, 3.8272, -14.2398



93.5840, 7.6001, -11.0362

Sweetspot

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



96.2790, -3.0955, 12.9103



139.3920, -1.1793, 4.9182



98.6730, 6.0772, 10.8108



70.4950, -0.7370, 3.0739



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.2790, -3.0955, 12.9103



121.8670, -4.8644, 20.2876



102.7360, -6.2788, 7.2475



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



104.7210, 3.0955, -12.9103



135.1330, 4.8644, -20.2876



98.8510, 5.9895, -7.7623



54.2060, 0.8844, -3.6887



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 96.2790, -3.0955, 12.9103 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 96.2790, -3.0955, 12.9103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

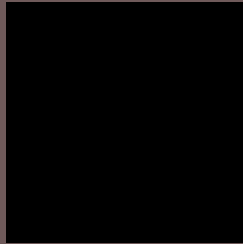
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.2790, -3.0955, 12.9103

Background



This preview shows how black text looks on a background with the YUV color 96.2790, -3.0955, 12.9103.

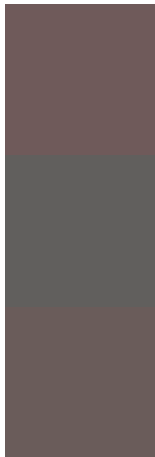


This preview shows how white text looks on a background with the YUV color 96.2790, -3.0955,

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

96.2790, -3.0955, 12.9103

Protanopia

95.3700, -1.1684, 1.4295

Deuteranopia

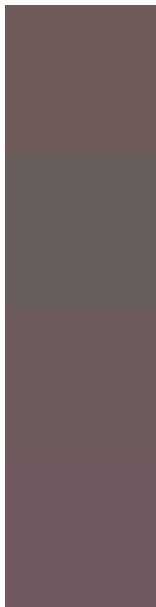
95.9580, -2.9373, 8.8068



Tritanopia

96.6750, -0.3328, 13.4400

Trichromacy



Original Color

96.2790, -3.0955, 12.9103

Protanomaly

95.5770, -1.7635, 5.6330

Deuteranomaly

95.9690, -2.9427, 10.5512

Tritanomaly

96.4470, -1.2064, 13.6400

Monochromacy



Original Color

96.2790, -3.0955, 12.9103

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2790, -3.0955, 12.9103 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(111, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(111, 90, 90)  
}
```

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(111, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 90, 90) }
```

Border

The CSS property to change the border of an element to YUV 96.2790, -3.0955, 12.9103 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(111, 90, 90) }
```


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

```
.border{ border-color:rgb(111, 90, 90) }
```

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

Here you see how a box with a 4 pixel rgb(111, 90, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(111, 90,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 96.2790, -3.0955, 12.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 90, 90) }
```

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

```
.background{ background-color: rgb(111, 90,  
90) }
```

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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