

Converting Colors

YUV(72.7310, 14.4296,
-55.0151)

Have a look what the booklet for
YUV(72.7310, 14.4296, -55.0151)
contains.

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Color

**YUV(72.7310, 14.4296,
-55.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6366
RGB	10, 99, 102
RGB Percent	4%, 39%, 40%
CMY	0.9608, 0.6118, 0.6000
CMYK	0.90, 0.03, 0.00, 0.60
HSL	182°, 82%, 22%
HSV	182°, 90%, 40%
XYZ	6.9853, 9.9475, 14.1223
YIQ	72.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

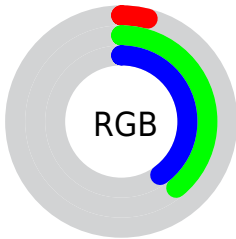
Format	Color
R_{YB}	10, 55, 102
Decimal	680806
CIE Lab	37.75, -22.24, -8.57
CIE LCh	38, 23.830, 201.075
Yxy	9.9475, 0.2249, 0.3203
Android (android.graphics.Color)	4278870886 (0xFF0A6366)
YUV	72.7310, 14.4296, -55.0151
Hunter-Lab	31.5397, -15.6610, -4.4700

Details

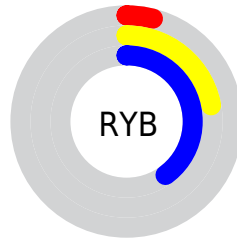
The YUV color **72.7310, 14.4296, -55.0151** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.2690, -14.4296, 55.0151**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2160, 12.2185, -45.7934**, and **36.7940, 8.9756, -32.2683** is the 20% darker color. If you saturate the color by 10%, you get **69.7410, 15.9037, -61.1629**, and if you desaturate by 10%, it is **75.7210, 12.9555, -48.8673**.

Distribution



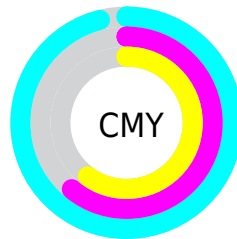
- Red (4%)
- Green (39%)
- Blue (40%)



- Red (4%)
- Yellow (22%)
- Blue (40%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7310, 14.4296, -55.0151 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 72.7310, 14.4296, -55.0151 by changing the saturation by 10% instead.

72.7310, 14.4296,
-55.0151

72.7310, 14.4296,
-55.0151

255.0000, 0.0000,
0.0000

52.9170, 12.3659,
-46.4082

128.2160, 12.2185,
-45.7934

36.7940, 8.9756,
-32.2683

155.2160, 12.2185,
-45.7934

22.6600, 5.5906,
-19.8728

183.1020, 11.7817,
-45.6935

1.2540, 4.8048,
-1.0998

210.8030, 11.9291,
-46.3082

0.0000, 0.0000,
0.0000

234.6680, 10.0237,
-41.8048

243.0400, 5.8963,

-24.5911

252.0100, 1.4741,
-6.1478

72.7310, 14.4296,
-55.0151

72.7310, 14.4296,
-55.0151

69.7410, 15.9037,
-61.1629

75.7210, 12.9555,
-48.8673

79.2980, 11.1921,
-43.2343

82.5870, 9.5706,
-36.4718

85.5770, 8.0965,
-30.3240

89.1540, 6.3331,
-24.6911

■ 92.1440, 4.8590,
-18.5433

■ 95.1340, 3.3849,
-12.3955

■ 99.0100, 1.4741,
-6.1478

■ 102.0000, 0.0000,
0.0000

Harmonies

Analogous

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



79.4210, 1.2714, -34.5722



72.7310, 14.4296, -55.0151



74.5770, 21.4075, -53.1260

Triad

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



72.7310, 14.4296, -55.0151



91.2480, 10.7237, 13.8145



88.2890, -18.3835, 16.4095

Complementary

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



72.7310, 14.4296, -55.0151



39.2690, -14.4296, 55.0151

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.



89.0930, -14.3428, 27.1054



72.7310, 14.4296, -55.0151



90.7460, 2.0972, 27.4098

Square

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



72.7310, 14.4296, -55.0151



89.5490, 17.4773, -5.7435



89.7760, -6.7916, 31.7684



86.2440, -16.8823, 1.5400

Rectangle

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



72.7310, 14.4296, -55.0151



81.0890, 21.6481, -36.9121



89.7760, -6.7916, 31.7684



88.2510, -17.3787, 20.8279

Sweetspot

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



72.7310, 14.4296, -55.0151



121.0620, 5.8854, -21.1024



64.2320, -25.7504, -47.5615



59.7210, 3.0955, -12.9103



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.7310, 14.4296, -55.0151



90.2980, 21.0521, -79.1913



46.3160, 27.4522, -31.8491



49.5050, 0.7370, -3.0739



78.2670, 18.1094, -68.6402



164.9460, 37.9876, -144.6576

Inverse Universe

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



47.6540, 25.3136, 47.6614



54.3590, 36.3050, 68.9682



65.6840, -27.4522, 31.8491



48.0650, 1.4470, 2.5740



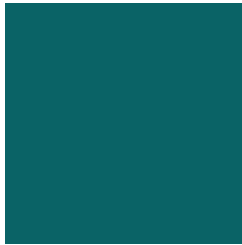
47.0390, 31.5328, 59.6018



99.0340, 66.5382, 125.3812

Previews

White Background



This preview shows how the YUV color 72.7310, 14.4296, -55.0151 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 ✓ Pass

Black Background



This preview shows how the YUV color 72.7310, 14.4296, -55.0151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

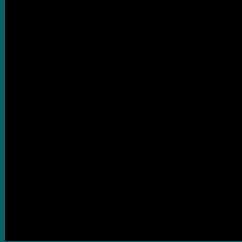
Any Text WCAG AA × Fail

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 72.7310, 14.4296, -55.0151 Background



This preview shows how black text looks on a background with the YUV color 72.7310, 14.4296, -55.0151.



This preview shows how white text looks on a background with the YUV color 72.7310, 14.4296,

-55.0151.

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

72.7310, 14.4296, -55.0151

Protanopia

88.7980, 3.0576, -0.6998

Deuteranopia

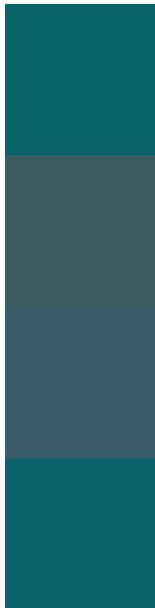
89.6500, 7.5676, -0.5700



Tritanopia

74.6930, 15.4344, -50.5968

Trichromacy



Original Color

72.7310, 14.4296, -55.0151

Protanomaly

83.1160, 7.3378, -20.2727

Deuteranomaly

83.2130, 10.2480, -20.3578

Tritanomaly

73.6820, 15.4398, -52.3411

Monochromacy



Original Color

72.7310, 14.4296, -55.0151

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6600, 5.5906, -19.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7310, 14.4296, -55.0151 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(10, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(10, 99, 102)  
}
```

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(10, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 99, 102) }
```

Border

The CSS property to change the border of an element to YUV 72.7310, 14.4296, -55.0151 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(10, 99, 102) }
```


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

```
.border{ border-color:rgb(10, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(10, 99,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 72.7310, 14.4296, -55.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 99, 102) }
```

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

```
.background{ background-color: rgb(10, 99,  
102) }
```

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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