

Converting Colors

YUV(96.4470, -1.2064, 13.6400)

Have a look what the booklet for
YUV(96.4470, -1.2064, 13.6400)
contains.

YUV(96.4470, -1.2064, 13.6400)	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(96.4470, -1.2064,
13.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	70595E
RGB	112, 89, 94
RGB Percent	44%, 35%, 37%
CMY	0.5608, 0.6510, 0.6314
CMYK	0.00, 0.21, 0.16, 0.56
HSL	347°, 11%, 39%
HSV	347°, 21%, 44%
XYZ	12.2749, 11.3977, 12.1427
YIQ	96.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

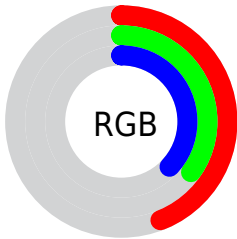
Format	Color
R _Y B	112, 89, 94
Decimal	7362910
CIE Lab	40.24, 10.31, 0.70
CIE LCh	40, 10.333, 3.893
Yxy	11.3977, 0.3427, 0.3182
Android (android.graphics.Color)	4285552990 (0xFF70595E)
YUV	96.4470, -1.2064, 13.6400
Hunter-Lab	33.7604, 5.8196, 2.3073




Details

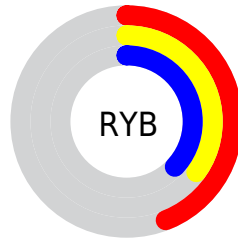
The YUV color **96.4470, -1.2064, 13.6400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.5530, 1.2064, -13.6400**, and the grayscale version is **96.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **147.0450, -1.5012, 14.8695**, and **49.8490, -0.9116, 12.4104** is the 20% darker color. If you saturate the color by 10%, you get **88.9640, -1.9543, 20.2026**, and if you desaturate by 10%, it is **103.9300, -0.4585, 7.0774**.

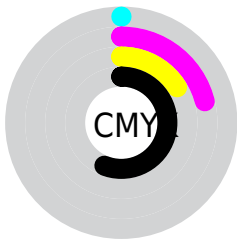
Distribution







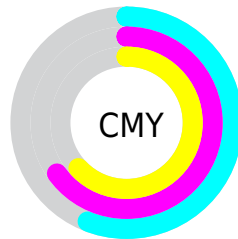
-  Red (44%)
-  Green (35%)
-  Blue (37%)






-  Red (44%)
-  Yellow (35%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (16%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (65%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4470, -1.2064, 13.6400 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 96.4470, -1.2064, 13.6400 by changing the saturation by 10% instead.

■ 96.4470, -1.2064,
13.6400

■ 96.4470, -1.2064,
13.6400

■ 255.0000, 0.0000,
0.0000

■ 72.7350, -1.3484,
12.5104

■ 147.0450, -1.5012,
14.8695

■ 49.8490, -0.9116,
12.4104

■ 173.4580, -1.2118,
15.3843

■ 28.8380, -0.9061,
10.6661

■ 201.3440, -1.6486,
15.4843

■ 6.8770, -3.3904,
14.1399

■ 229.0560, -1.5066,
16.6139

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,
3.0888

■ 96.4470, -1.2064,
13.6400

■ 96.4470, -1.2064,
13.6400

■ 88.9640, -1.9543,
20.2026

■ 103.9300, -0.4585,
7.0774

■ 81.4810, -2.7021,
26.7652

■ 111.4130, 0.2894,
0.5148

■ 73.5250, -2.7238,
33.7426

■ 119.3690, 0.3111,
-6.4626

■ 66.0420, -3.4717,
40.3052

■ 126.8520, 1.0590,
-13.0252

■ 58.5590, -4.2196,
46.8678

■ 134.3350, 1.8068,
-19.5878

■ 51.0760, -4.9675,
53.4303

■ 141.8180, 2.5547,
-26.1504

■ 43.7070, -5.2786,
59.8930

■ 149.1870, 2.8658,
-32.6130

■ 36.2240, -6.0264,

■ 157.2570, 3.3243,

66.4556

-39.6904

■ 164.7400, 4.0722,
-46.2530

Harmonies

Analogous

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



96.4510, 2.7357, 9.2515



96.4470, -1.2064, 13.6400



96.1220, -4.9901, 13.9250

Triad

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



96.4470, -1.2064, 13.6400



93.3820, -6.1043, -2.0890



93.0890, 8.3371, -14.1101

Complementary

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



96.4470, -1.2064, 13.6400



104.5530, 1.2064, -13.6400

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.



91.7960, 6.0166, -16.4841



96.4470, -1.2064, 13.6400



92.5490, -2.7357, -9.2515

Square

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



96.4470, -1.2064, 13.6400



94.5570, -8.1626, 4.7735



92.0690, 1.9380, -14.9695



94.4320, 8.1680, -6.5179

Rectangle

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



96.4470, -1.2064, 13.6400



95.6550, -6.7319, 12.5806



92.0690, 1.9380, -14.9695



92.2630, 7.7583, -15.1397

Sweetspot

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



96.4470, -1.2064, 13.6400



139.6200, -0.3057, 4.7183



97.0040, 7.3930, 8.7665



70.6090, -0.3002, 2.9739



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.



96.4470, -1.2064, 13.6400



120.6760, -1.8123, 21.3321



99.3990, -5.1267, 11.0511



52.0220, -0.0108, 3.4887



38.8440, -6.3321, 71.1738



80.0090, -12.8224, 146.4511

Inverse Universe

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



96.4470, -1.2064, 13.6400



120.6760, -1.8123, 21.3321



101.6010, 5.1267, -11.0511



52.0220, -0.0108, 3.4887



38.8440, -6.3321, 71.1738



80.0090, -12.8224, 146.4511

Previews

White Background



This preview shows how the YUV color 96.4470, -1.2064, 13.6400 looks on a white background.

Color Contrast Check

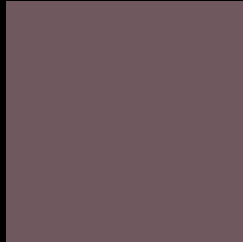
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.4470, -1.2064, 13.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

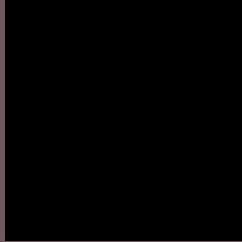
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4470, -1.2064, 13.6400

Background



This preview shows how black text looks on a background with the YUV color 96.4470, -1.2064, 13.6400.



This preview shows how white text looks on a background with the YUV color 96.4470, -1.2064,

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

96.4470, -1.2064, 13.6400

Protanopia

94.9400, 1.0156, 0.9296

Deuteranopia

96.0010, -1.4795, 7.8921



Tritanopia

96.6750, -0.3328, 13.4400

Trichromacy



Original Color

96.4470, -1.2064, 13.6400

Protanomaly

95.4460, 0.2731, 5.7479

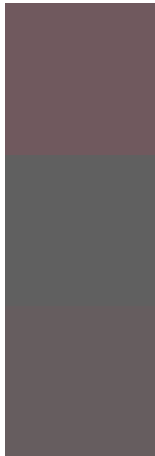
Deuteranomaly

96.3110, -1.6323, 10.2513

Tritanomaly

96.5610, -0.7696, 13.5400

Monochromacy



Original Color

96.4470, -1.2064, 13.6400

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9190, -0.4531, 5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4470, -1.2064, 13.6400 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(112, 89, 94)` looks like.

```
.text, #text, p{  
    color:rgb(112, 89, 94)  
}
```

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(112, 89, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 89, 94) }
```

Border

The CSS property to change the border of an element to YUV 96.4470, -1.2064, 13.6400 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(112, 89, 94) }
```


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

```
.border{ border-color:rgb(112, 89, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 89, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 89, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 89, 94);  
box-shadow:4px 4px 4px 4px rgb(112, 89,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 96.4470, -1.2064, 13.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 89, 94) }
```

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

```
.background{ background-color: rgb(112, 89,  
94) }
```

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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