

Converting Colors

YUV(96.9280, -47.7855,
20.2341)

Have a look what the booklet for
YUV(96.9280, -47.7855, 20.2341)
contains.

YUV(96.9280, -47.7855, 20.2341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(96.9280, -47.7855,
20.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	786800
RGB	120, 104, 0
RGB Percent	47%, 41%, 0%
CMY	0.5294, 0.5922, 1.0000
CMYK	0.00, 0.13, 1.00, 0.53
HSL	52°, 100%, 24%
HSV	52°, 100%, 47%
XYZ	12.6960, 13.8937, 2.0126
YIQ	96.9280, 42.9200, -28.9520

Conversions

Conversions Part 2

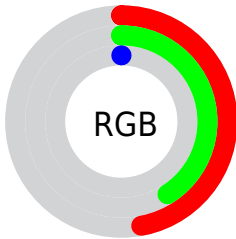
Format	Color
R_YB	18, 120, 0
Decimal	7890944
CIE Lab	44.08, -3.37, 50.71
CIE LCh	44, 50.818, 93.807
Yxy	13.8937, 0.4439, 0.4858
Android (android.graphics.Color)	4286081024 (0xFF786800)
YUV	96.9280, -47.7855, 20.2341
Hunter-Lab	37.2743, -4.4308, 22.8907

Details

The YUV color **96.9280, -47.7855, 20.2341** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.0720, 47.7855, -20.2341**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4490, -44.5914, 22.4082**, and **53.4920, -26.3716, 11.8465** is the 20% darker color. If you saturate the color by 10%, you get **96.9280, -47.7855, 20.2341**, and if you desaturate by 10%, it is **99.4700, -43.1227, 18.0048**.

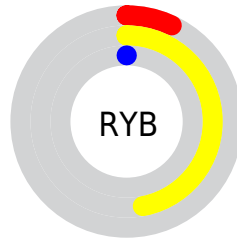
Distribution



Red (47%)

Green (41%)

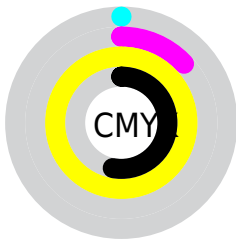
Blue (0%)



Red (7%)

Yellow (47%)

Blue (0%)

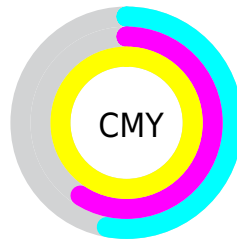


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9280, -47.7855, 20.2341 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 96.9280, -47.7855, 20.2341 by changing the saturation by 10% instead.

96.9280, -47.7855,
20.2341

96.9280, -47.7855,
20.2341

254.5440, -1.7472,
0.3999

74.7670, -36.8601,
15.9903

150.4490,
-44.5914, 22.4082

53.4920, -26.3716,
11.8465

177.3460,
-45.0336, 24.2526

33.6900, -16.6092,
7.2879

205.4170,
-46.0546, 25.0673

13.5780, -6.6940,
0.3701


231.2100,
-45.4595, 20.8638


0.0000, 0.0000,
0.0000


244.8540,
-38.8750, 8.8980


248.0460,

-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 96.9280, -47.7855,
20.2341

 99.4700, -43.1227,
18.0048

 101.4250,
-38.1705, 16.2903

 103.9670,
-33.5077, 14.0609

 105.9220,
-28.5555, 12.3464

 108.4640,
-23.8928, 10.1171

■ 111.0060,
-19.2300, 7.8877

■ 112.9610,
-14.2778, 6.1732

■ 115.5030, -9.6150,
3.9439

■ 117.4580, -4.6628,
2.2293

Harmonies

Analogous

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



100.4380, -37.6839, 46.9739



96.9280, -47.7855, 20.2341



93.4920, -33.2736, -14.4635

Triad

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



96.9280, -47.7855, 20.2341



89.3010, 29.9246, -78.3170



105.4060, 18.0408, 47.0019

Complementary

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



96.9280, -47.7855, 20.2341



23.0720, 47.7855, -20.2341

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.



106.5560, 33.7429, 3.8974



96.9280, -47.7855, 20.2341



89.7860, 44.4755, -78.7423

Square

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



96.9280, -47.7855, 20.2341



85.2140, 11.7265, -74.7327



84.3550, 51.5900, -73.9793



101.4290, -0.2115, 68.0298

Rectangle

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



96.9280, -47.7855, 20.2341



85.8220, -17.1672, -47.2019



84.3550, 51.5900, -73.9793



107.4090, 23.4624, 34.7213

Sweetspot

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



96.9280, -47.7855, 20.2341



146.5330, -18.5038, 8.3026



37.7040, -10.7001, 72.1736



73.4600, -11.0728, 4.8586



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.9280, -47.7855, 20.2341



125.8890, -62.0633, 26.4073



93.1640, -45.9299, -15.0528



59.7290, -2.3314, 1.1147



100.7710, -49.6801, 21.2488



203.9010, -100.5232, 42.1828

Inverse Universe

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



23.0720, 47.7855, -20.2341



30.1110, 62.0633, -26.4073



26.8360, 45.9299, 15.0528



56.2710, 2.3314, -1.1147



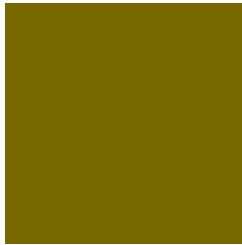
24.2290, 49.6801, -21.2488



48.6860, 100.2338, -42.6976

Previews

White Background



This preview shows how the YUV color 96.9280, -47.7855, 20.2341 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 96.9280, -47.7855, 20.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

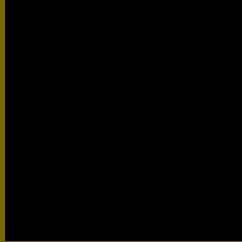
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9280, -47.7855, 20.2341

Background



This preview shows how black text looks on a background with the YUV color 96.9280, -47.7855, 20.2341.

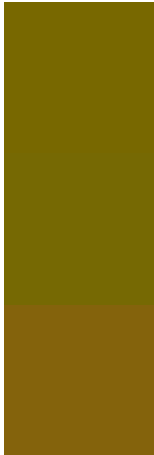


This preview shows how white text looks on a background with the YUV color 96.9280, -47.7855,

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

96.9280, -47.7855, 20.2341

Protanopia

97.2590, -46.4697, 18.1899

Deuteranopia

98.9490, -42.8659, 28.9857



Tritanopia

106.4690, -1.2172, 17.1287

Trichromacy



Original Color

96.9280, -47.7855, 20.2341

Protanomaly

97.4440, -47.0539, 18.9046

Deuteranomaly

98.4710, -44.6022, 25.8969

Tritanomaly

103.3000, -18.3889, 18.1539

Monochromacy



Original Color

96.9280, -47.7855, 20.2341

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1630, -17.3354, 6.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9280, -47.7855, 20.2341 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(120, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 0)  
}
```

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(120, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 0) }
```

Border

The CSS property to change the border of an element to YUV 96.9280, -47.7855, 20.2341 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(120, 104, 0) }
```


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

```
.border{ border-color:rgb(120, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 96.9280, -47.7855, 20.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 0) }
```

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

```
.background{ background-color: rgb(120,  
104, 0) }
```

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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