

Converting Colors

YUV(111.0780, 32.0065, 0.8086)

Have a look what the booklet for
YUV(111.0780, 32.0065, 0.8086)
contains.

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Color

**YUV(111.0780, 32.0065,
0.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	7062B0
RGB	112, 98, 176
RGB Percent	44%, 38%, 69%
CMY	0.5608, 0.6157, 0.3098
CMYK	0.36, 0.44, 0.00, 0.31
HSL	251°, 33%, 54%
HSV	251°, 44%, 69%
XYZ	18.8862, 15.3147, 43.0349
YIQ	111.0780, -16.6940, 27.2260

Conversions

Conversions Part 2

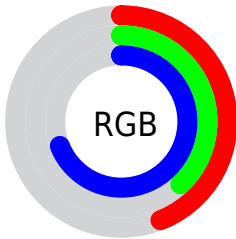
Format	Color
RYB	112, 98, 176
Decimal	7365296
CIELab	46.06, 24.26, -39.77
CIELCh	46, 46.585, 301.382
Yxy	15.3147, 0.2445, 0.1983
Android (android.graphics.Color)	4285555376 (0xFF7062B0)
YUV	111.0780, 32.0065, 0.8086
Hunter-Lab	39.1340, 17.6604, -37.8063

Details

The YUV color $[111.0780, 32.0065, 0.8086]$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $162.9220, -32.0065, -0.8086$, and the grayscale version is $[111.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $163.5450, 33.7483, 2.1530$, and $61.8990, 30.1228, -1.6654$ is the 20% darker color. If you saturate the color by 10%, you get $96.3260, 39.2793, 1.4681$, and if you desaturate by 10%, it is $125.8300, 24.7338, 0.1491$.

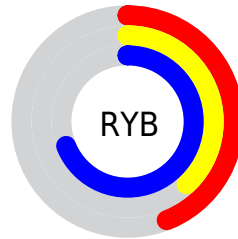
Distribution



Red (44%)

Green (38%)

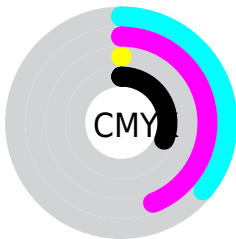
Blue (69%)



Red (44%)

Yellow (38%)

Blue (69%)

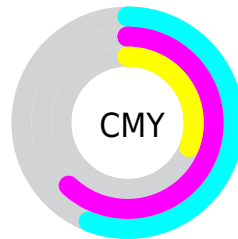


Cyan (36%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0780, 32.0065, 0.8086 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 111.0780, 32.0065, 0.8086 by changing the saturation by 10% instead.

■ 111.0780, 32.0065,
0.8086

■ 111.0780, 32.0065,
0.8086

■ 255.0000, 0.0000,
0.0000

■ 86.1380, 30.9910,
-0.1210

■ 163.5450, 33.7483,
2.1530

■ 61.8990, 30.1228,
-1.6654

■ 190.3880, 31.8537,
3.1677

■ 38.6490, 29.2600,
-4.9542

■ 214.9080, 19.7654,
7.0967

■ 13.6050, 29.2817,
-11.9316

■ 240.0150, 7.3876,
10.5108

■ 5.7000, 21.8399,
-4.9989

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 111.0780, 32.0065,
0.8086

■ 111.0780, 32.0065,
0.8086

■ 96.3260, 39.2793,
1.4681

■ 125.8300, 24.7338,
0.1491

■ 81.8620, 46.4100,
0.9980

■ 140.2940, 17.6031,
0.6192

■ 67.1100, 53.6828,
1.6575

■ 155.0460, 10.3303,
-0.0403

■ 52.6460, 60.8135,
1.1875

■ 169.5100, 3.1996,
0.4297

■ 37.8940, 68.0863,
1.8470

■ 184.2620, -4.0732,
-0.2298

■ 29.6320, 72.1594,
2.0767

■ 199.3130,
-11.4933, -0.2745

■ 213.4780,
-18.4767, -0.4192

■ 228.5290,
-25.8968, -0.4639

■ 242.1070,
-32.5908, -0.0938

Harmonies

Analogous

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



87.6490, 48.9800, -76.8682



111.0780, 32.0065, 0.8086



112.1340, 17.1889, 40.2245

Triad

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



111.0780, 32.0065, 0.8086



106.5780, -33.3160, 45.9741



87.6760, 11.0057, -76.8919

Complementary

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



111.0780, 32.0065, 0.8086



162.9220, -32.0065, -0.8086

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.



89.1290, -9.4306, -55.3641



111.0780, 32.0065, 0.8086



104.2900, -40.0760, 20.7937

Square

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



111.0780, 32.0065, 0.8086



106.8030, -17.6509, 61.5628



100.3830, -31.2478, -10.8599



91.5350, 28.3302, -80.2762

Rectangle

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



111.0780, 32.0065, 0.8086



109.3720, 6.2256, 56.6788



100.3830, -31.2478, -10.8599



85.4930, 5.1800, -74.9774

Sweetspot

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



111.0780, 32.0065, 0.8086



204.9150, 12.3669, 0.0745



145.0470, 15.2598, -41.2602



99.3620, 7.7095, 0.5595



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



111.0780, 32.0065, 0.8086



128.4860, 50.0464, 1.3278



122.4400, 26.4051, 24.1701



81.6240, 3.6364, 0.3298



25.5150, 62.8501, 1.3023



4.4590, 10.6197, 0.4745

Inverse Universe

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



128.6180, 16.4573, 41.5540



155.8780, 25.6961, 65.0050



151.5600, -26.4051, -24.1701



83.6030, 2.1677, 4.7332



60.1110, 32.4833, 81.4637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 111.0780, 32.0065, 0.8086 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 111.0780, 32.0065, 0.8086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

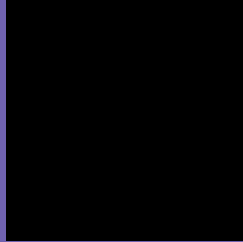
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.0780, 32.0065, 0.8086

Background



This preview shows how black text looks on a background with the YUV color 111.0780, 32.0065, 0.8086.



This preview shows how white text looks on a background with the YUV color 111.0780, 32.0065,

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

111.0780, 32.0065, 0.8086

Protanopia

106.5090, 38.2031, -26.7564

Deuteranopia

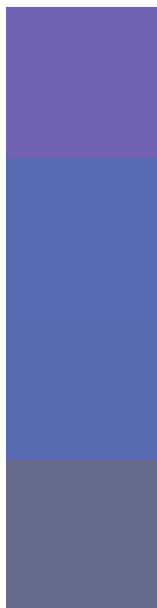
105.6460, 33.6985, -28.6305



Tritanopia

108.3240, 5.2633, -8.1771

Trichromacy



Original Color

111.0780, 32.0065, 0.8086

Protanomaly

108.2930, 35.8446, -16.9200

Deuteranomaly

107.5980, 33.2292, -18.0644

Tritanomaly

109.2780, 15.1459, -4.6288

Monochromacy



Original Color

111.0780, 32.0065, 0.8086

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8010, 11.9301, 0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0780, 32.0065, 0.8086 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, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(112, 98, 176)  
}
```

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, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 98, 176) }
```

Border

The CSS property to change the border of an element to YUV 111.0780, 32.0065, 0.8086 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, 98, 176) }
```


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

```
.border{ border-color:rgb(112, 98, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 98, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(112, 98,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 111.0780, 32.0065, 0.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 98, 176) }
```

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

```
.background{ background-color: rgb(112, 98,  
176) }
```

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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