

Converting Colors

YUV(76.0780, 32.0065, 0.8086)

Have a look what the booklet for
YUV(76.0780, 32.0065, 0.8086)
contains.

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Color

**YUV(76.0780, 32.0065,
0.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3F8D
RGB	77, 63, 141
RGB Percent	30%, 25%, 55%
CMY	0.6980, 0.7529, 0.4471
CMYK	0.45, 0.55, 0.00, 0.45
HSL	251°, 38%, 40%
HSV	251°, 55%, 55%
XYZ	9.6458, 7.0559, 26.0528
YIQ	76.0780, -16.6940, 27.2260

Conversions

Conversions Part 2

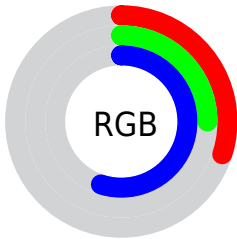
Format	Color
R _Y B	77, 63, 141
Decimal	5062541
CIE Lab	31.93, 26.61, -41.52
CIE LCh	32, 49.315, 302.657
Yxy	7.0559, 0.2256, 0.1650
Android (android.graphics.Color)	4283252621 (0xFF4D3F8D)
YUV	76.0780, 32.0065, 0.8086
Hunter-Lab	26.5629, 18.3336, -39.5574

Details

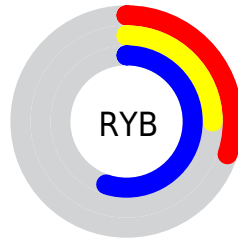
The YUV color **76.0780, 32.0065, 0.8086** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **127.9220, -32.0065, -0.8086**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2570, 33.8903, 3.2826**, and **28.5780, 30.2810, -5.7689** is the 20% darker color. If you saturate the color by 10%, you get **64.2720, 37.8269, 0.6385**, and if you desaturate by 10%, it is **87.8840, 26.1862, 0.9787**.

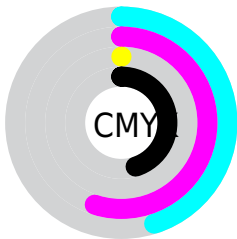
Distribution



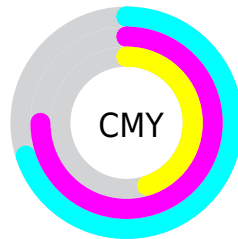
- Red (30%)
- Green (25%)
- Blue (55%)



- Red (30%)
- Yellow (25%)
- Blue (55%)



- Cyan (45%)
- Magenta (55%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0780, 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 76.0780, 32.0065, 0.8086 by changing the saturation by 10% instead.

■ 76.0780, 32.0065,
0.8086

■ 76.0780, 32.0065,
0.8086

■ 255.0000, 0.0000,
0.0000

■ 52.4260, 30.8490,
-1.2506

■ 126.2570, 33.8903,
3.2826

■ 28.5780, 30.2810,
-5.7689

■ 152.7840, 34.6165,
3.6974

■ 7.5240, 28.8287,
-6.5985

■ 179.7240, 35.6321,
4.6271

■ 6.6630, 17.9141,
-5.8435

■ 204.5860, 24.8541,
8.2561

■ 2.9810, 8.8834,
-2.6143

■ 229.6930, 12.4764,
11.6702

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,

4.1184

■ 76.0780, 32.0065,
0.8086

■ 76.0780, 32.0065,
0.8086

■ 64.2720, 37.8269,
0.6385

■ 87.8840, 26.1862,
0.9787

■ 52.7650, 43.4999,
1.0831

■ 99.3910, 20.5132,
0.5341

■ 40.9590, 49.3202,
0.9130

■ 111.1970, 14.6929,
0.7042

■ 29.4520, 54.9932,
1.3576

■ 122.7040, 9.0199,
0.2596

■ 23.5490, 57.9033,
1.2725

■ 135.0970, 2.9102,
-0.0851

■ 146.6040, -2.7628,
-0.5297

■ 158.4100, -8.5831,
-0.3596

■ 170.2160,
-14.4035, -0.1894

■ 181.7230,
-20.0764, -0.6341

Harmonies

Analogous

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



63.8150, 43.9682, -55.9658



76.0780, 32.0065, 0.8086



74.0850, 18.1991, 42.8985

Triad

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



76.0780, 32.0065, 0.8086



70.2140, -34.6155, 42.7853



62.8960, 7.4463, -55.1598

Complementary

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



76.0780, 32.0065, 0.8086



127.9220, -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.



57.0480, -9.8837, -50.0311



76.0780, 32.0065, 0.8086



70.6360, -34.8235, 16.1052

Square

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



76.0780, 32.0065, 0.8086



68.8460, -16.1931, 60.6481



64.5460, -31.8212, -13.6338



67.2280, 24.0446, -58.9590

Rectangle

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



76.0780, 32.0065, 0.8086



69.2630, 8.2513, 60.2823



64.5460, -31.8212, -13.6338



61.3000, 1.3311, -53.7601

Sweetspot

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



76.0780, 32.0065, 0.8086



157.4420, 13.0931, 0.4894



110.0470, 15.2598, -41.2602



76.3620, 7.7095, 0.5595



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



76.0780, 32.0065, 0.8086



82.4860, 50.0464, 1.3278



87.4400, 26.4051, 24.1701



65.3960, 2.7628, 0.5297



22.5660, 55.4300, 1.2576



1.2110, 3.3470, -0.1850

Inverse Universe

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



93.6180, 16.4573, 41.5540



109.8780, 25.6961, 65.0050



116.5600, -26.4051, -24.1701



66.7770, 1.5889, 3.7036



53.0190, 28.5846, 71.8973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 76.0780, 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.0780, 32.0065, 0.8086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

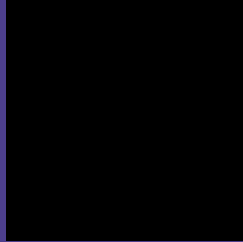
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0780, 32.0065, 0.8086

Background



This preview shows how black text looks on a background with the YUV color 76.0780, 32.0065, 0.8086.



This preview shows how white text looks on a background with the YUV color 76.0780, 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

76.0780, 32.0065, 0.8086

Protanopia

66.0450, 41.8828, -40.3815

Deuteranopia

60.5890, 36.6846, -53.1366



Tritanopia

73.9000, 4.9793, -10.4363

Trichromacy



Original Color

76.0780, 32.0065, 0.8086

Protanomaly

69.5200, 38.1976, -25.0120

Deuteranomaly

66.2540, 34.8778, -33.5488

Tritanomaly

74.8540, 14.8620, -6.8880

Monochromacy



Original Color

76.0780, 32.0065, 0.8086

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8010, 11.9301, 0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0780, 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(77, 63, 141)` looks like.

```
.text, #text, p{  
    color:rgb(77, 63, 141)  
}
```

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(77, 63, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 63, 141) }
```

Border

The CSS property to change the border of an element to YUV 76.0780, 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(77, 63, 141) }
```


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

```
.border{ border-color:rgb(77, 63, 141) }
```

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

Here you see how a box with a 4 pixel rgb(77, 63, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 63, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 63, 141);  
box-shadow:4px 4px 4px 4px rgb(77, 63,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 76.0780, 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(77, 63, 141) }
```

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

```
.background{ background-color: rgb(77, 63,  
141) }
```

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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