

Converting Colors

YUV(44.4220, 26.9070, 3.1379)

Have a look what the booklet for
YUV(44.4220, 26.9070, 3.1379)
contains.

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Color

**YUV(44.4220, 26.9070,
3.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	302063
RGB	48, 32, 99
RGB Percent	19%, 13%, 39%
CMY	0.8118, 0.8745, 0.6118
CMYK	0.52, 0.68, 0.00, 0.61
HSL	254°, 51%, 26%
HSV	254°, 68%, 39%
XYZ	3.9876, 2.5623, 12.0888
YIQ	44.4220, -11.9710, 24.2290

Conversions

Conversions Part 2

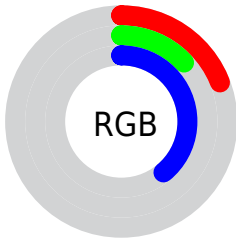
Format	Color
RYB	48, 32, 99
Decimal	3154019
CIELab	18.20, 26.33, -37.16
CIELCh	18, 45.547, 305.320
Yxy	2.5623, 0.2139, 0.1375
Android (android.graphics.Color)	4281344099 (0xFF302063)
YUV	44.4220, 26.9070, 3.1379
Hunter-Lab	16.0070, 16.4544, -33.5718

Details

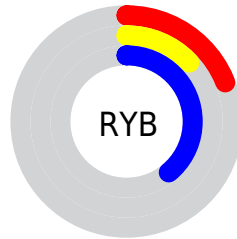
The YUV color **44.4220, 26.9070, 3.1379** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.5780, -26.9070, -3.1379**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9000, 28.6433, 6.2267**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **36.1600, 30.9801, 3.3677**, and if you desaturate by 10%, it is **52.6840, 22.8338, 2.9081**.

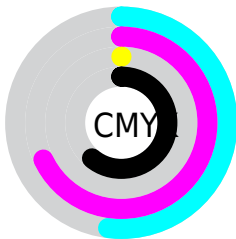
Distribution



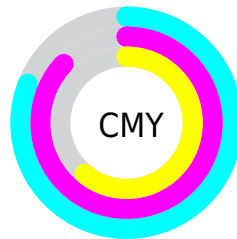
- Red (19%)
- Green (13%)
- Blue (39%)



- Red (19%)
- Yellow (13%)
- Blue (39%)



- Cyan (52%)
- Magenta (68%)
- Yellow (0%)
- Black (61%)



- Cyan (81%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4220, 26.9070, 3.1379 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 44.4220, 26.9070, 3.1379 by changing the saturation by 10% instead.

■ 44.4220, 26.9070,
3.1379

■ 44.4220, 26.9070,
3.1379

■ 255.0000, 0.0000,
0.0000

■ 21.2860, 26.4810,
-0.2508

■ 91.9000, 28.6433,
6.2267

■ 5.9280, 22.7135,
-5.1989

■ 116.8400, 29.6589,
7.1563

■ 4.4800, 12.0884,
-3.9290

■ 143.3670, 30.3851,
7.5711

■ 0.0000, 0.0000,
0.0000

■ 170.3070, 31.4006,
8.5008

■ 196.9220, 28.6325,
9.7154

■ 221.1430, 16.6915,

13.0296

■ 243.8470, 5.4984,
9.7812

■ 44.4220, 26.9070,
3.1379

■ 44.4220, 26.9070,
3.1379

■ 36.1600, 30.9801,
3.3677

■ 52.6840, 22.8338,
2.9081

■ 28.1970, 34.9059,
4.2122

■ 60.6470, 18.9080,
2.0636

■ 19.9350, 38.9790,
4.4420

■ 68.9090, 14.8349,
1.8338

■ 18.4620, 39.7052,
4.8568

■ 76.8720, 10.9091,
0.9893

■ 85.1340, 6.8359,
0.7595

■ 92.5100, 3.1996,
0.4297

■ 100.7720, -0.8736,
0.2000

■ 108.7350, -4.7994,
-0.6446

■ 116.9970, -8.8725,
-0.8744

Harmonies

Analogous

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



40.2430, 34.8832, -35.2931



44.4220, 26.9070, 3.1379



36.6830, 17.9043, 44.1280

Triad

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



44.4220, 26.9070, 3.1379



41.8070, -20.6109, 30.8643



39.7460, 5.0552, -34.8572

Complementary

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



44.4220, 26.9070, 3.1379



86.5780, -26.9070, -3.1379

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.



34.4680, -10.0907, -30.2284



44.4220, 26.9070, 3.1379



41.6640, -20.5404, 8.1877

Square

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



44.4220, 26.9070, 3.1379



32.3830, -13.9928, 54.9151



35.2970, -17.4014, -18.6775



43.3940, 19.0328, -38.0565

Rectangle

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



44.4220, 26.9070, 3.1379



34.8170, 7.9782, 54.5345



35.2970, -17.4014, -18.6775



37.7910, 0.1030, -33.1427

Sweetspot

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



44.4220, 26.9070, 3.1379



106.7580, 10.4723, 1.0892



69.5750, 14.5065, -32.9533



51.0200, 6.3991, 0.8595



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



44.4220, 26.9070, 3.1379



43.3310, 41.7418, 4.9717



54.2890, 22.0425, 23.4255



44.7550, 1.5998, 0.2149



20.8410, 44.9414, 5.4014



44.4030, 96.4293, 11.0476

Inverse Universe

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



57.8470, 12.4004, 36.0912



64.1020, 19.1767, 56.0385



76.7110, -22.0425, -23.4255



45.5380, 0.7208, 2.1592



43.1780, 20.6182, 60.3569



92.5080, 44.1196, 129.3505

Previews

White Background



This preview shows how the YUV color 44.4220, 26.9070, 3.1379 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 44.4220, 26.9070, 3.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

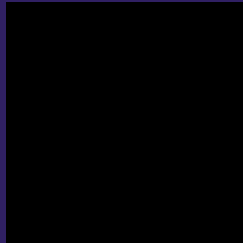
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4220, 26.9070, 3.1379

Background



This preview shows how black text looks on a background with the YUV color 44.4220, 26.9070, 3.1379.



This preview shows how white text looks on a background with the YUV color 44.4220, 26.9070,

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

44.4220, 26.9070, 3.1379

Protanopia

35.7290, 27.7416, -31.3343

Deuteranopia

36.0080, 21.1951, -31.5790



Tritanopia

43.2700, 3.8109, -9.0068

Trichromacy



Original Color

44.4220, 26.9070, 3.1379

Protanomaly

38.8060, 27.7036, -19.1239

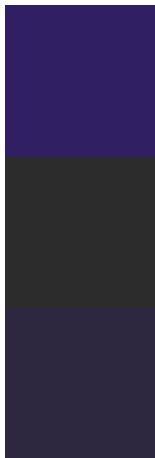
Deuteranomaly

38.9540, 23.1937, -19.2537

Tritanomaly

43.7680, 11.9464, -5.0585

Monochromacy



Original Color

44.4220, 26.9070, 3.1379

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4220, 26.9070, 3.1379 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(48, 32, 99)` looks like.

```
.text, #text, p{  
    color:rgb(48, 32, 99)  
}
```

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(48, 32, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 32, 99) }
```

Border

The CSS property to change the border of an element to YUV 44.4220, 26.9070, 3.1379 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(48, 32, 99) }
```


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

```
.border{ border-color:rgb(48, 32, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 32, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 32, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 32, 99);  
box-shadow:4px 4px 4px 4px rgb(48, 32, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4220, 26.9070, 3.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 32, 99) }
```

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

```
.background{ background-color: rgb(48, 32,  
99) }
```

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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