

Converting Colors

YUV(106.4220, 26.9070, 3.1379)

Have a look what the booklet for
YUV(106.4220, 26.9070, 3.1379)
contains.

YUV(106.4220, 26.9070, 3.1379)	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(106.4220, 26.9070,
3.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5EA1
RGB	110, 94, 161
RGB Percent	43%, 37%, 63%
CMY	0.5686, 0.6314, 0.3686
CMYK	0.32, 0.42, 0.00, 0.37
HSL	254°, 26%, 50%
HSV	254°, 42%, 63%
XYZ	16.8661, 13.8936, 35.5110
YIQ	106.4220, -11.9710, 24.2290

Conversions

Conversions Part 2

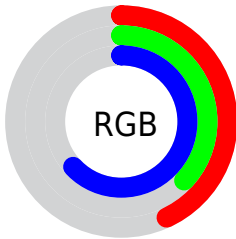
Format	Color
R _Y B	110, 94, 161
Decimal	7233185
CIE Lab	44.08, 22.01, -34.08
CIE LCh	44, 40.568, 302.850
Yxy	13.8936, 0.2545, 0.2096
Android (android.graphics.Color)	4285423265 (0xFF6E5EA1)
YUV	106.4220, 26.9070, 3.1379
Hunter-Lab	37.2741, 15.5395, -30.3936

Details

The YUV color $106.4220, 26.9070, 3.1379$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $148.5780, -26.9070, -3.1379$, and the grayscale version is $106.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $158.4760, 28.3593, 3.9675$, and $58.2430, 25.0232, 0.6639$ is the 20% darker color. If you saturate the color by 10%, you get $93.4420, 33.3061, 3.9974$, and if you desaturate by 10%, it is $119.4020, 20.5078, 2.2784$.

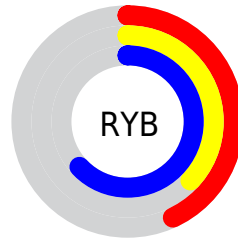
Distribution



Red (43%)

Green (37%)

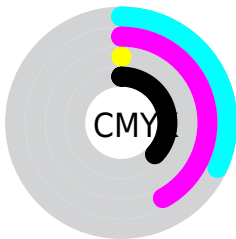
Blue (63%)



Red (43%)

Yellow (37%)

Blue (63%)

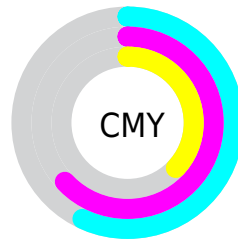


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (57%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4220, 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 106.4220, 26.9070, 3.1379 by changing the saturation by 10% instead.

■ 106.4220, 26.9070,
3.1379

■ 106.4220, 26.9070,
3.1379

■ 255.0000, 0.0000,
0.0000

■ 81.5960, 26.3282,
2.1083

■ 158.4760, 28.3593,
3.9675

■ 58.2430, 25.0232,
0.6639

■ 185.4160, 29.3749,
4.8972

■ 35.0040, 24.1550,
-0.8805

■ 210.7770, 21.8019,
7.2116

■ 11.1070, 24.5972,
-2.7248

■ 236.4710, 9.1348,
10.1109

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 106.4220, 26.9070,
3.1379

■ 106.4220, 26.9070,
3.1379

■ 93.4420, 33.3061,
3.9974

■ 119.4020, 20.5078,
2.2784

■ 80.1630, 39.8526,
4.2420

■ 132.6810, 13.9613,
2.0338

■ 67.1830, 46.2518,
5.1015

■ 145.6610, 7.5621,
1.1743

■ 54.2030, 52.6509,
5.9610

■ 158.6410, 1.1630,
0.3148

■ 40.6360, 59.3395,
7.3352

■ 172.2080, -5.5255,
-1.0594

■ 29.7160, 64.7230,
7.2651

■ 185.4870,
-12.0721, -1.3041

■ 198.4670,
-18.4712, -2.1636

■ 211.4470,
-24.8704, -3.0230

■ 224.4270,
-31.2695, -3.8825

Harmonies

Analogous

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



94.2630, 37.8313, -47.5887



106.4220, 26.9070, 3.1379



107.3030, 14.1476, 35.6913

Triad

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



106.4220, 26.9070, 3.1379



102.3860, -28.7843, 39.1265



83.1110, 11.2843, -72.8883

Complementary

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



106.4220, 26.9070, 3.1379



148.5780, -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.



88.2380, -8.0053, -45.8127



106.4220, 26.9070, 3.1379



100.6900, -33.3712, 16.9349

Square

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



106.4220, 26.9070, 3.1379



103.3890, -16.4608, 53.1558



96.7620, -26.0117, -10.3153



86.4000, 26.4248, -75.7728

Rectangle

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



106.4220, 26.9070, 3.1379



105.4590, 4.2107, 49.5865



96.7620, -26.0117, -10.3153



81.2700, 6.7689, -71.2738

Sweetspot

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



106.4220, 26.9070, 3.1379



188.6440, 10.0355, 1.1892



131.5750, 14.5065, -32.9533



92.6070, 6.1097, 0.3447



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



106.4220, 26.9070, 3.1379



124.3310, 41.7418, 4.9717



116.2890, 22.0425, 23.4255



74.6240, 3.6364, 0.3298



26.9950, 58.1765, 7.0204



3.2480, 7.2727, 0.6595

Inverse Universe

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



119.8470, 12.4004, 36.0912



145.1020, 19.1767, 56.0385



138.7110, -22.0425, -23.4255



76.4890, 1.7309, 4.8331



56.0090, 27.1106, 78.0451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 106.4220, 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 × Fail

Black Background



This preview shows how the YUV color 106.4220, 26.9070, 3.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

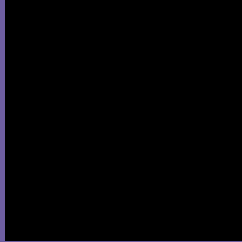
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4220, 26.9070, 3.1379

Background



This preview shows how black text looks on a background with the YUV color 106.4220, 26.9070, 3.1379.

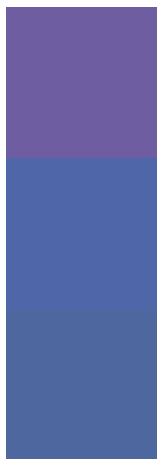


This preview shows how white text looks on a background with the YUV color 106.4220, 26.9070,

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

106.4220, 26.9070, 3.1379

Protanopia

102.6470, 32.2190, -20.7384

Deuteranopia

102.4960, 27.8565, -21.4830



Tritanopia

103.8300, 4.5208, -3.3589

Trichromacy



Original Color

106.4220, 26.9070, 3.1379

Protanomaly

103.8330, 30.1553, -12.1315

Deuteranomaly

103.8500, 27.6820, -12.1464

Tritanomaly

104.6160, 12.5143, -0.5402

Monochromacy



Original Color

106.4220, 26.9070, 3.1379

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4220, 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(110, 94, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 161)  
}
```

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(110, 94, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 161) }
```

Border

The CSS property to change the border of an element to YUV 106.4220, 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(110, 94, 161) }
```


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

```
.border{ border-color:rgb(110, 94, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 94, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 94, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 94, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 94,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 106.4220, 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(110, 94, 161) }
```

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

```
.background{ background-color: rgb(110, 94,  
161) }
```

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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