

Converting Colors

YUV(102.0840, 22.6366,
-27.2607)

Have a look what the booklet for
YUV(102.0840, 22.6366, -27.2607)
contains.

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Color

**YUV(102.0840, 22.6366,
-27.2607)**

Conversions

Conversions Part 1

Format	Color
Hex	476D94
RGB	71, 109, 148
RGB Percent	28%, 43%, 58%
CMY	0.7216, 0.5725, 0.4196
CMYK	0.52, 0.26, 0.00, 0.42
HSL	210°, 35%, 43%
HSV	210°, 52%, 58%
XYZ	13.4125, 14.4150, 30.0924
YIQ	102.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

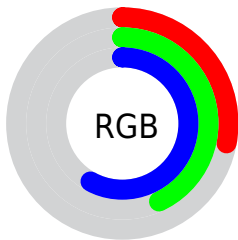
Format	Color
R_{YB}	71, 96, 148
Decimal	4681108
CIE _{Lab}	44.82, -1.85, -25.41
CIE _{LCh}	45, 25.477, 265.828
Yxy	14.4150, 0.2316, 0.2489
Android (android.graphics.Color)	4282871188 (0xFF476D94)
YUV	102.0840, 22.6366, -27.2607
Hunter-Lab	37.9671, -3.3844, -20.4159

Details

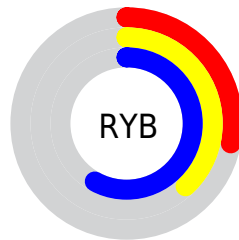
The YUV color **102.0840, 22.6366, -27.2607** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **116.9160, -22.6366, 27.2607**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0240, 23.6522, -26.3310**, and **50.7410, 22.8057, -34.8529** is the 20% darker color. If you saturate the color by 10%, you get **93.4900, 26.8734, -32.8787**, and if you desaturate by 10%, it is **110.6780, 18.3997, -21.6426**.

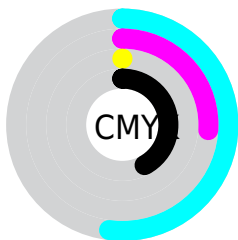
Distribution



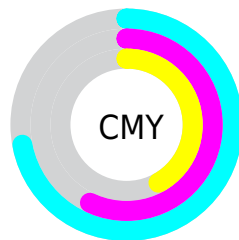
- Red (28%)
- Green (43%)
- Blue (58%)



- Red (28%)
- Yellow (38%)
- Blue (58%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.0840, 22.6366, -27.2607 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 102.0840, 22.6366, -27.2607 by changing the saturation by 10% instead.

■ 102.0840, 22.6366,
-27.2607

■ 102.0840, 22.6366,
-27.2607

■ 255.0000, 0.0000,
0.0000

■ 76.9590, 22.2052,
-28.9050

■ 154.0240, 23.6522,
-26.3310

■ 50.7410, 22.8057,
-34.8529

■ 181.1380, 24.0890,
-26.4310

■ 31.8020, 20.3106,
-27.8904

■ 208.7960, 22.7786,
-26.1311

■ 17.4400, 16.0521,
-15.2949

■ 233.6040, 10.5482,
-23.3317

■ 4.4800, 12.0884,
-3.9290

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 102.0840, 22.6366,
-27.2607

■ 102.0840, 22.6366,
-27.2607

■ 93.4900, 26.8734,
-32.8787

■ 110.6780, 18.3997,
-21.6426

■ 84.3090, 31.3997,
-37.9820

■ 119.8590, 13.8735,
-16.5393

■ 76.0140, 35.4891,
-42.9853

■ 128.1540, 9.7841,
-11.5361

■ 66.8330, 40.0153,
-48.0885

■ 137.3350, 5.2578,
-6.4328

■ 59.7230, 43.5206,
-52.3771


■ 145.9290, 1.0210,
-0.8147

■ 155.1100, -3.5052,
4.2885

■ 163.7040, -7.7421,
9.9066

■ 172.5860,

-12.1209, 14.3951

 181.1800,
-16.3577, 20.0131

Harmonies

Analogous

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



93.7560, 23.2913, -50.6520



102.0840, 22.6366, -27.2607



107.3860, 18.0507, -2.9695

Triad

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



102.0840, 22.6366, -27.2607



107.5160, -9.1284, 34.6275



99.8760, -8.8129, -20.0623

Complementary

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



102.0840, 22.6366, -27.2607



116.9160, -22.6366, 27.2607

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.



102.4070, -17.4557, -1.2339



102.0840, 22.6366, -27.2607



106.1210, -16.8217, 28.8349

Square

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



102.0840, 22.6366, -27.2607



108.7250, 0.6286, 31.8132



105.1210, -20.2727, 15.6799



94.9580, 3.4717, -40.3052

Rectangle

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



102.0840, 22.6366, -27.2607



109.2200, 13.2025, 12.0851



105.1210, -20.2727, 15.6799



100.9970, -12.3235, -14.0294

Sweetspot

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



102.0840, 22.6366, -27.2607



173.2250, 8.7631, -10.7213



120.6450, -5.2480, -43.5387



86.0360, 5.4053, -7.0476



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



102.0840, 22.6366, -27.2607



120.4980, 34.7575, -41.6557



79.7780, 33.6334, -7.6983



69.5590, 2.1894, -2.2442



55.6480, 40.5995, -48.8033



4.0750, 2.9210, -3.5738

Inverse Universe

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



98.3550, 5.2480, 43.5387



114.8940, 7.9403, 66.7450



139.2220, -33.6334, 7.6983



69.4350, 0.2785, 4.0035



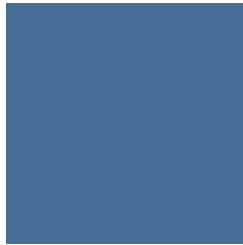
49.0140, 9.3601, 78.0407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 102.0840, 22.6366, -27.2607 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 102.0840, 22.6366, -27.2607 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

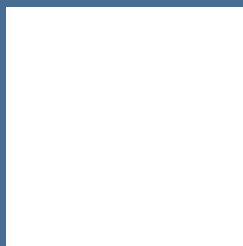
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.0840, 22.6366, -27.2607

Background



This preview shows how black text looks on a background with the YUV color 102.0840, 22.6366, -27.2607.

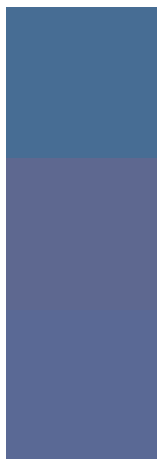


This preview shows how white text looks on a background with the YUV color 102.0840, 22.6366, -27.2607.

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

102.0840, 22.6366, -27.2607

Protanopia

105.5700, 18.9460, -10.1469

Deuteranopia

105.5310, 21.4302, -13.6207



Tritanopia

99.4780, 11.5963, -32.8682

Trichromacy



Original Color

102.0840, 22.6366, -27.2607

Protanomaly

104.4660, 19.9833, -16.1947

Deuteranomaly

104.0250, 22.1727, -18.4389

Tritanomaly

100.2270, 15.6641, -30.8941

Monochromacy



Original Color

102.0840, 22.6366, -27.2607

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.4100, 8.1789, -10.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.0840, 22.6366, -27.2607 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(71, 109, 148)` looks like.

```
.text, #text, p{  
    color:rgb(71, 109, 148)  
}
```

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(71, 109, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 109, 148) }
```

Border

The CSS property to change the border of an element to YUV 102.0840, 22.6366, -27.2607 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(71, 109, 148) }
```


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

```
.border{ border-color:rgb(71, 109, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 109, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 109, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 109, 148);  
box-shadow:4px 4px 4px 4px rgb(71, 109,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 102.0840, 22.6366, -27.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 109, 148) }
```

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

```
.background{ background-color: rgb(71, 109,  
148) }
```

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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