

Converting Colors

YUV(69.3790, 18.5472,
-22.2574)

Have a look what the booklet for
YUV(69.3790, 18.5472, -22.2574)
contains.

YUV(69.3790, 18.5472, -22.2574)	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(69.3790, 18.5472,
-22.2574)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4B6B
RGB	44, 75, 107
RGB Percent	17%, 29%, 42%
CMY	0.8275, 0.7059, 0.5804
CMYK	0.59, 0.30, 0.00, 0.58
HSL	210°, 42%, 30%
HSV	210°, 59%, 42%
XYZ	6.2086, 6.6292, 14.8622
YIQ	69.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

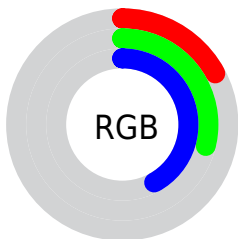
Format	Color
R_{YB}	44, 65, 107
Decimal	2902891
CIE Lab	30.95, -0.99, -22.03
CIE LCh	31, 22.055, 267.422
Yxy	6.6292, 0.2241, 0.2393
Android (android.graphics.Color)	4281092971 (0xFF2C4B6B)
YUV	69.3790, 18.5472, -22.2574
Hunter-Lab	25.7472, -2.0144, -16.2014




Details

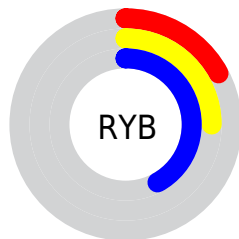
The YUV color **69.3790, 18.5472, -22.2574** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **81.6210, -18.5472, 22.2574**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.3190, 19.5627, -21.3278**, and **25.5100, 16.5106, -22.3723** is the 20% darker color. If you saturate the color by 10%, you get **63.1550, 21.6156, -26.4459**, and if you desaturate by 10%, it is **75.6030, 15.4787, -18.0688**.

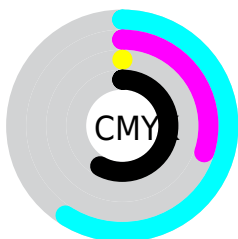
Distribution







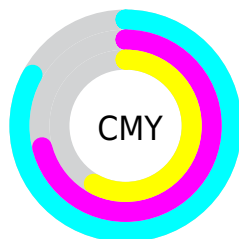
-  Red (17%)
-  Green (29%)
-  Blue (42%)






-  Red (17%)
-  Yellow (25%)
-  Blue (42%)



-  Cyan (59%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (83%)
-  Magenta (71%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3790, 18.5472, -22.2574 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 69.3790, 18.5472, -22.2574 by changing the saturation by 10% instead.

■ 69.3790, 18.5472,
-22.2574

■ 69.3790, 18.5472,
-22.2574

■ 255.0000, 0.0000,
0.0000

■ 45.3570, 18.5580,
-25.7461

■ 119.3190, 19.5627,
-21.3278

■ 25.5100, 16.5106,
-22.3723

■ 144.8460, 20.2889,
-20.9129

■ 8.4410, 14.5726,
-7.4028

■ 171.8460, 20.2889,
-20.9129

■ 2.2970, 6.2626,
-2.0145

■ 199.0740, 21.1625,
-21.1129

■ 0.0000, 0.0000,
0.0000

■ 225.3640, 14.6105,
-19.6132

■ 248.1230, 3.3904,

-14.1399

■ 69.3790, 18.5472,
-22.2574

■ 69.3790, 18.5472,
-22.2574

■ 63.1550, 21.6156,
-26.4459

■ 75.6030, 15.4787,
-18.0688

■ 56.6430, 24.8260,
-29.5049

■ 82.1150, 12.2683,
-15.0099

■ 50.4190, 27.8944,
-33.6935

■ 88.3390, 9.1999,
-10.8213

■ 43.6080, 31.2523,
-37.3672

■ 95.1500, 5.8420,
-7.1476

■ 43.3090, 31.3997,
-37.9820

■ 101.3740, 2.7736,
-2.9590

■ 107.8860, -0.4368,
0.1000

■ 114.1100, -3.5052,
4.2885

■ 120.3340, -6.5737,
8.4771

■ 126.8460, -9.7841,
11.5361

Harmonies

Analogous

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



59.3820, 20.5177, -47.6930



69.3790, 18.5472, -22.2574



73.7730, 14.4089, -1.5549

Triad

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



69.3790, 18.5472, -22.2574



73.5260, -7.6543, 28.4797



67.1690, -6.4923, -17.6882

Complementary

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



69.3790, 18.5472, -22.2574



81.6210, -18.5472, 22.2574

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.



70.3190, -13.9613, -2.0338



69.3790, 18.5472, -22.2574



72.7720, -14.1846, 23.0020

Square

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



69.3790, 18.5472, -22.2574



74.2790, 0.3555, 26.0653



71.4240, -16.4780, 11.9062



62.8060, 4.0396, -35.7869

Rectangle

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



69.3790, 18.5472, -22.2574



75.1120, 10.2978, 10.4258



71.4240, -16.4780, 11.9062



68.1050, -9.4188, -12.3701

Sweetspot

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



69.3790, 18.5472, -22.2574



124.8940, 7.4473, -8.6770



84.6290, -4.2541, -35.6316



61.8190, 4.5262, -5.1033



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



69.3790, 18.5472, -22.2574



81.0490, 29.0628, -35.1230



51.1820, 27.5183, -6.2986



50.4450, 1.7526, -2.1443



47.3840, 34.3207, -41.5558



98.3700, 72.2886, -86.2705

Inverse Universe

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



66.3710, 4.2541, 35.6316



76.1870, 6.8098, 55.9640



99.8180, -27.5183, 6.2986



50.1360, 0.4260, 3.3887



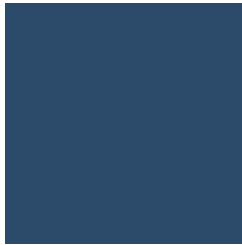
41.5950, 8.0877, 66.1302



86.9350, 16.3010, 138.6230

Previews

White Background



This preview shows how the YUV color 69.3790, 18.5472, -22.2574 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 69.3790, 18.5472, -22.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

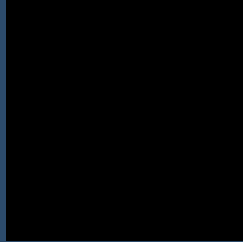
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

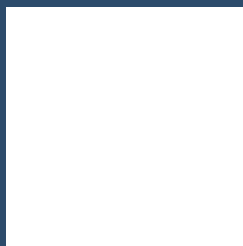
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.3790, 18.5472, -22.2574

Background



This preview shows how black text looks on a background with the YUV color 69.3790, 18.5472, -22.2574.



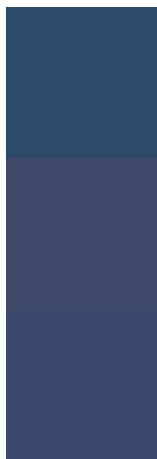
This preview shows how white text looks on a background with the YUV color 69.3790, 18.5472, -22.2574.

-22.2574.

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

69.3790, 18.5472, -22.2574

Protanopia

72.6580, 15.4516, -9.3471

Deuteranopia

71.6190, 17.9358, -12.8209



Tritanopia

66.6420, 9.5435, -27.7500

Trichromacy



Original Color

69.3790, 18.5472, -22.2574

Protanomaly

71.2660, 16.6309, -14.2653

Deuteranomaly

70.7110, 18.3835, -16.4095

Tritanomaly

67.8640, 12.8850, -26.1907

Monochromacy



Original Color

69.3790, 18.5472, -22.2574

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3790, 18.5472, -22.2574 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(44, 75, 107)` looks like.

```
.text, #text, p{  
    color:rgb(44, 75, 107)  
}
```

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(44, 75, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 75, 107) }
```

Border

The CSS property to change the border of an element to YUV 69.3790, 18.5472, -22.2574 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(44, 75, 107) }
```


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

```
.border{ border-color:rgb(44, 75, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 75, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 75, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 75, 107);  
box-shadow:4px 4px 4px 4px rgb(44, 75,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 69.3790, 18.5472, -22.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 75, 107) }
```

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

```
.background{ background-color: rgb(44, 75,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor