

Converting Colors

YUV(69.2270, 22.5661, -4.5841)

Have a look what the booklet for
YUV(69.2270, 22.5661, -4.5841)
contains.

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Color

**YUV(69.2270, 22.5661,
-4.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	403F73
RGB	64, 63, 115
RGB Percent	25%, 25%, 45%
CMY	0.7490, 0.7529, 0.5490
CMYK	0.44, 0.45, 0.00, 0.55
HSL	241°, 29%, 35%
HSV	241°, 45%, 45%
XYZ	6.9864, 5.8828, 16.9869
YIQ	69.2270, -16.0960, 16.3840

Conversions

Conversions Part 2

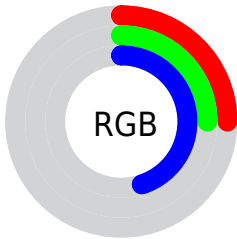
Format	Color
R_{YB}	64, 63, 115
Decimal	4210547
CIE _{Lab}	29.11, 14.99, -29.88
CIE _{LCh}	29, 33.430, 296.635
Yxy	5.8828, 0.2340, 0.1970
Android (android.graphics.Color)	4282400627 (0xFF403F73)
YUV	69.2270, 22.5661, -4.5841
Hunter-Lab	24.2545, 8.9705, -24.5463

Details

The YUV color **69.2270, 22.5661, -4.5841** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.7730, -22.5661, 4.5841**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5800, 23.8711, -3.1397**, and **23.7380, 20.8352, -9.4172** is the 20% darker color. If you saturate the color by 10%, you get **58.8940, 27.6603, -5.1690**, and if you desaturate by 10%, it is **79.5600, 17.4719, -3.9991**.

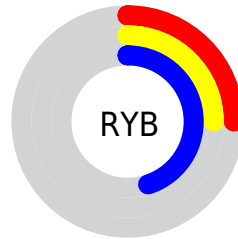
Distribution



Red (25%)

Green (25%)

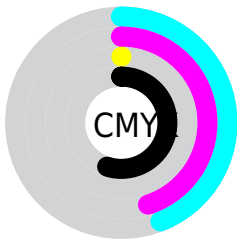
Blue (45%)



Red (25%)

Yellow (25%)

Blue (45%)

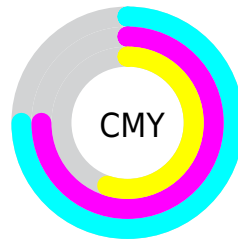


Cyan (44%)

Magenta (45%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2270, 22.5661, -4.5841 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 69.2270, 22.5661, -4.5841 by changing the saturation by 10% instead.

69.2270, 22.5661,
-4.5841

69.2270, 22.5661,
-4.5841

255.0000, 0.0000,
0.0000

45.9880, 21.6979,
-6.1285

118.5800, 23.8711,
-3.1397

23.7380, 20.8352,
-9.4172

144.2210, 25.0340,
-2.8248

5.0160, 19.2191,
-4.3990

170.7480, 25.7602,
-2.4100

3.0950, 9.3202,
-2.7143

198.1610, 26.0496,
-1.8952

0.0000, 0.0000,
0.0000

223.4250, 15.5665,
0.5043

248.5320, 3.1887,

3.9184

■ 69.2270, 22.5661,
-4.5841

■ 69.2270, 22.5661,
-4.5841

■ 58.8940, 27.6603,
-5.1690

■ 79.5600, 17.4719,
-3.9991

■ 48.8490, 32.6124,
-6.8836

■ 89.6050, 12.5197,
-2.2846

■ 39.1030, 37.4172,
-7.9833

■ 99.9380, 7.4256,
-1.6996

■ 28.7700, 42.5114,
-8.5683

■ 109.6840, 2.6208,
-0.5999

■ 18.4370, 47.6056,
-9.1532

■ 120.0170, -2.4734,
-0.0149

■ 13.7080, 49.9370,
-10.2679

■ 130.0620, -7.4256,
1.6996

■ 140.3950,
-12.5197, 2.2846

■ 150.1410,
-17.3245, 3.3843

■ 160.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



55.9440, 31.5796, -49.0629



69.2270, 22.5661, -4.5841



70.5850, 13.0226, 23.1660

Triad

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



69.2270, 22.5661, -4.5841



66.8180, -20.6163, 32.6086



54.9570, 4.9512, -48.1973

Complementary

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



69.2270, 22.5661, -4.5841



108.7730, -22.5661, 4.5841

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.



57.9950, -9.3645, -29.8136



69.2270, 22.5661, -4.5841



65.5250, -26.3878, 17.0796

Square

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



69.2270, 22.5661, -4.5841



67.3320, -10.0237, 41.8048



63.4300, -22.3970, -3.0081



57.9210, 16.3079, -50.7967

Rectangle

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



69.2270, 22.5661, -4.5841



69.1260, 5.8539, 35.8465



63.4300, -22.3970, -3.0081



53.3440, 1.3094, -46.7827

Sweetspot

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



69.2270, 22.5661, -4.5841



131.6930, 9.0254, -1.4848



98.8650, 7.9546, -31.4536



64.8950, 5.9678, -0.7849



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



69.2270, 22.5661, -4.5841



78.8320, 35.0858, -6.8687



77.0010, 18.7335, 11.4001



53.6840, 2.6208, -0.5999



14.5060, 52.9945, -10.9678



29.9950, 108.4625, -21.9206

Inverse Universe

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



84.3620, 14.6115, 26.8695



102.3390, 23.0039, 41.7987



100.9990, -18.7335, -11.4001



55.4780, 1.7363, 3.0888



50.1580, 34.4321, 63.0054



102.6800, 70.1638, 129.1996

Previews

White Background



This preview shows how the YUV color 69.2270, 22.5661, -4.5841 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 69.2270, 22.5661, -4.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

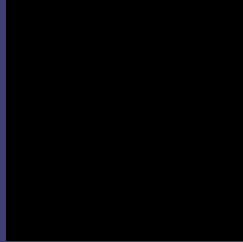
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2270, 22.5661, -4.5841

Background



This preview shows how black text looks on a background with the YUV color 69.2270, 22.5661, -4.5841.



This preview shows how white text looks on a background with the YUV color 69.2270, 22.5661,

-4.5841.

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

69.2270, 22.5661, -4.5841

Protanopia

66.6490, 25.8090, -18.1092

Deuteranopia

65.1600, 24.0781, -22.9423



Tritanopia

67.1880, 4.8373, -11.5659

Trichromacy



Original Color

69.2270, 22.5661, -4.5841

Protanomaly

68.0410, 24.6298, -13.1910

Deuteranomaly

66.6770, 23.3302, -16.3797

Tritanomaly

68.2190, 11.2310, -8.9621

Monochromacy



Original Color

69.2270, 22.5661, -4.5841

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2270, 22.5661, -4.5841 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(64, 63, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 63, 115)  
}
```

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(64, 63, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 63, 115) }
```

Border

The CSS property to change the border of an element to YUV 69.2270, 22.5661, -4.5841 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(64, 63, 115) }
```


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

```
.border{ border-color:rgb(64, 63, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 63, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 63, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 63, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 63,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 69.2270, 22.5661, -4.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 63, 115) }
```

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

```
.background{ background-color: rgb(64, 63,  
115) }
```

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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