

Converting Colors

YUV(70.2230, 25.0331,
-49.3076)

Have a look what the booklet for
YUV(70.2230, 25.0331, -49.3076)
contains.

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Color

**YUV(70.2230, 25.0331,
-49.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5979
RGB	14, 89, 121
RGB Percent	5%, 35%, 47%
CMY	0.9451, 0.6510, 0.5255
CMYK	0.88, 0.26, 0.00, 0.53
HSL	198°, 79%, 26%
HSV	198°, 88%, 47%
XYZ	7.2047, 8.6186, 19.3730
YIQ	70.2230, -54.9720, -5.9480

Conversions

Conversions Part 2

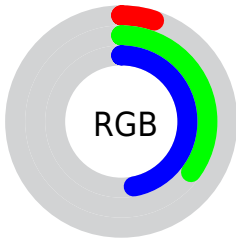
Format	Color
R_{YB}	14, 58, 121
Decimal	940409
CIE _{Lab}	35.24, -9.25, -24.15
CIE _{LCh}	35, 25.857, 249.032
Yxy	8.6186, 0.2047, 0.2449
Android (android.graphics.Color)	4279130489 (0xFF0E5979)
YUV	70.2230, 25.0331, -49.3076
Hunter-Lab	29.3574, -7.5695, -18.5753

Details

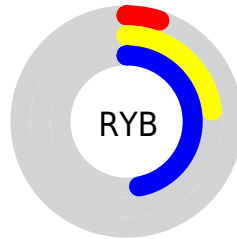
The YUV color **70.2230, 25.0331, -49.3076** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **64.7770, -25.0331, 49.3076**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3490, 23.9849, -39.7711**, and **34.0360, 18.7163, -29.8496** is the 20% darker color. If you saturate the color by 10%, you get **64.2870, 27.9595, -54.6257**, and if you desaturate by 10%, it is **76.1590, 22.1066, -43.9894**.

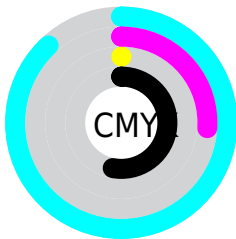
Distribution



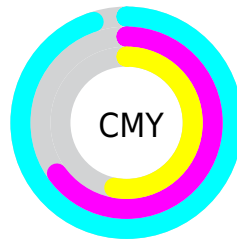
- Red (5%)
- Green (35%)
- Blue (47%)



- Red (5%)
- Yellow (23%)
- Blue (47%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2230, 25.0331, -49.3076 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 70.2230, 25.0331, -49.3076 by changing the saturation by 10% instead.

70.2230, 25.0331,
-49.3076

70.2230, 25.0331,
-49.3076

255.0000, 0.0000,
0.0000

49.6860, 22.8328,
-43.5746

125.3490, 23.9849,
-39.7711

34.0360, 18.7163,
-29.8496

151.7620, 24.2743,
-39.2563

19.6740, 14.4577,
-17.2541

179.1750, 24.5637,
-38.7415

4.3660, 11.6516,
-3.8290

206.9470, 23.6901,
-38.5415

0.0000, 0.0000,
0.0000

232.3420, 11.1704,
-36.2569

244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

70.2230, 25.0331,
-49.3076

70.2230, 25.0331,
-49.3076

64.2870, 27.9595,
-54.6257

76.1590, 22.1066,
-43.9894

63.6890, 28.2543,
-55.8553

81.5080, 19.4696,
-38.1565

87.4440, 16.5431,
-32.8384

92.7930, 13.9061,
-27.0055

98.7290, 10.9796,
-21.6873

■ 104.9640, 7.9057,
-15.7544

■ 110.3130, 5.2687,
-9.9215

■ 116.2490, 2.3422,
-4.6034

■ 122.1850, -0.5842,
0.7148

Harmonies

Analogous

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



66.9030, 20.2608, -58.6739



70.2230, 25.0331, -49.3076



81.2810, 20.5675, -16.9094

Triad

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



70.2230, 25.0331, -49.3076



83.9980, -3.4500, 33.3278



77.9760, -13.7922, -9.6260

Complementary

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



70.2230, 25.0331, -49.3076



64.7770, -25.0331, 49.3076

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.



80.8920, -19.6668, 7.9877



70.2230, 25.0331, -49.3076



83.5820, -12.6119, 31.9386

Square

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



70.2230, 25.0331, -49.3076



85.1740, 6.3232, 25.2804



82.5070, -18.9840, 22.3574



74.1890, -3.5442, -29.9838

Rectangle

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



70.2230, 25.0331, -49.3076



84.4680, 17.0243, -0.4104



82.5070, -18.9840, 22.3574



79.3250, -16.4292, -3.7930

Sweetspot

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



70.2230, 25.0331, -49.3076



137.5120, 10.1006, -19.7430



80.2290, -17.8609, -58.0828



66.8290, 6.0003, -11.2510



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



70.2230, 25.0331, -49.3076



83.1690, 36.8917, -72.9392



39.6990, 40.0814, -22.5380



58.0320, 1.4632, -2.6591



65.9060, 29.1333, -57.7996



132.6270, 58.8509, -116.3139

Inverse Universe

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



54.5430, 16.9873, 58.2828



59.8960, 25.1943, 86.0372



95.3010, -40.0814, 22.5380



57.2500, 0.8628, 3.2887



47.4070, 20.0123, 68.0491



95.5260, 40.1667, 137.2277

Previews

White Background



This preview shows how the YUV color 70.2230, 25.0331, -49.3076 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 70.2230, 25.0331, -49.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

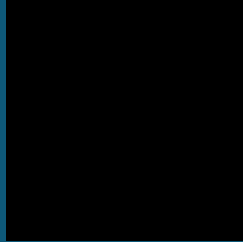
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2230, 25.0331, -49.3076

Background



This preview shows how black text looks on a background with the YUV color 70.2230, 25.0331, -49.3076.

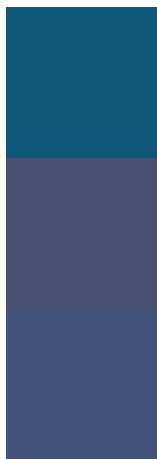


This preview shows how white text looks on a background with the YUV color 70.2230, 25.0331,

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

70.2230, 25.0331, -49.3076

Protanopia

83.0710, 15.7410, -8.8323

Deuteranopia

81.5910, 20.4146, -14.5503



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

70.2230, 25.0331, -49.3076

Protanomaly

78.7810, 18.8420, -23.4869

Deuteranomaly

77.5570, 21.9104, -27.6755

Tritanomaly

67.1100, 19.6658, -54.4705

Monochromacy



Original Color

70.2230, 25.0331, -49.3076

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2230, 25.0331, -49.3076 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(14, 89, 121)` looks like.

```
.text, #text, p{  
    color:rgb(14, 89, 121)  
}
```

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(14, 89, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 89, 121) }
```

Border

The CSS property to change the border of an element to YUV 70.2230, 25.0331, -49.3076 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(14, 89, 121) }
```


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

```
.border{ border-color:rgb(14, 89, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 89, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 89, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 89, 121);  
box-shadow:4px 4px 4px 4px rgb(14, 89,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 70.2230, 25.0331, -49.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 89, 121) }
```

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

```
.background{ background-color: rgb(14, 89,  
121) }
```

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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