

Converting Colors

YUV(69.5370, 45.5843,
-60.9839)

Have a look what the booklet for
YUV(69.5370, 45.5843, -60.9839)
contains.

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Color

**YUV(69.5370, 45.5843,
-60.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	0057A2
RGB	0, 87, 162
RGB Percent	0%, 34%, 64%
CMY	1.0000, 0.6588, 0.3647
CMYK	1.00, 0.46, 0.00, 0.36
HSL	208°, 100%, 32%
HSV	208°, 100%, 64%
XYZ	9.9298, 9.4250, 35.4783
YIQ	69.5370, -75.9270, 4.8810

Conversions

Conversions Part 2

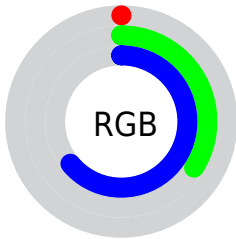
Format	Color
RYB	0, 57, 162
Decimal	22434
CIELab	36.79, 7.95, -46.61
CIELCh	37, 47.280, 279.675
Yxy	9.4250, 0.1811, 0.1719
Android (android.graphics.Color)	4278212514 (0xFF0057A2)
YUV	69.5370, 45.5843, -60.9839
Hunter-Lab	30.7002, 4.0093, -47.0275

Details

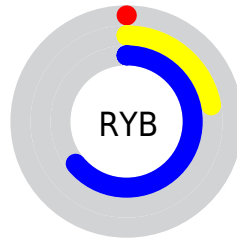
The YUV color **69.5370, 45.5843, -60.9839** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **92.4630, -45.5843, 60.9839**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5830, 42.6036, -38.2223**, and **37.7810, 35.6040, -33.1339** is the 20% darker color. If you saturate the color by 10%, you get **69.5370, 45.5843, -60.9839**, and if you desaturate by 10%, it is **79.0170, 40.9106, -55.2659**.

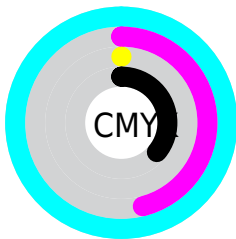
Distribution



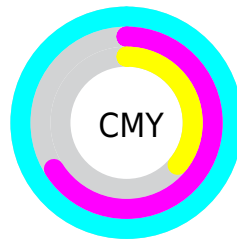
- Red (0%)
- Green (34%)
- Blue (64%)



- Red (0%)
- Yellow (22%)
- Blue (64%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5370, 45.5843, -60.9839 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 69.5370, 45.5843, -60.9839 by changing the saturation by 10% instead.

■ 69.5370, 45.5843,
-60.9839

■ 69.5370, 45.5843,
-60.9839

■ 255.0000, 0.0000,
0.0000

■ 52.9580, 40.4467,
-46.4442

■ 130.5830, 42.6036,
-38.2223

■ 37.7810, 35.6040,
-33.1339

■ 158.1210, 43.3243,
-36.0631

■ 23.7780, 30.1824,
-20.8533

■ 183.6670, 35.1672,
-33.0340

■ 10.4760, 24.9083,
-9.1875

■ 208.7740, 22.7894,
-29.6198

■ 6.0930, 15.7302,
-5.3436

■ 234.1800, 10.2643,
-25.5909

■ 2.2970, 6.2626,
-2.0145

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 69.5370, 45.5843,
-60.9839

■ 79.0170, 40.9106,
-55.2659

■ 87.9100, 36.5264,
-49.0331

■ 97.6890, 31.7053,
-42.7003

■ 106.5820, 27.3211,
-36.4674

■ 116.0620, 22.6474,
-30.7494

■ 124.9550, 18.2632,
-24.5165

■ 134.4350, 13.5895,
-18.7985

■ 143.6270, 9.0579,
-11.9509

■ 153.1070, 4.3842,
-6.2328

Harmonies

Analogous

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



75.5380, 40.6538, -66.2468



69.5370, 45.5843, -60.9839



89.1180, 28.0428, 12.1745

Triad

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



69.5370, 45.5843, -60.9839



82.5590, -20.9816, 56.5148



66.6000, -3.7468, -58.4082

Complementary

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



69.5370, 45.5843, -60.9839



92.4630, -45.5843, 60.9839

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.



75.1690, -26.7053, -21.1962



69.5370, 45.5843, -60.9839



81.9700, -37.9462, 37.7373

Square

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



69.5370, 45.5843, -60.9839



82.2990, -3.1054, 62.8818



80.0500, -39.4646, 11.3572



72.2200, 12.7095, -63.3369

Rectangle

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



69.5370, 45.5843, -60.9839



87.5790, 18.9416, 38.0802



80.0500, -39.4646, 11.3572



64.5310, -9.1358, -56.5937

Sweetspot

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



69.5370, 45.5843, -60.9839



175.2540, 18.1158, -23.9018



103.4160, -14.9951, -90.6958



85.0720, 10.8105, -14.0951



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



69.5370, 45.5843, -60.9839



91.0860, 59.6106, -79.8824



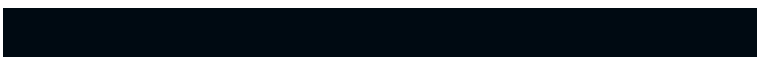
23.1640, 68.4461, -20.3148



76.9610, 2.4842, -3.4738



62.3160, 40.7632, -54.6511



7.9220, 4.9685, -6.9476

Inverse Universe

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



58.3560, 14.1215, 90.8958



76.3840, 18.5447, 118.9352



138.8360, -68.4461, 20.3148



76.2610, 0.8573, 5.0331



52.2470, 12.6962, 81.3444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 69.5370, 45.5843, -60.9839 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 69.5370, 45.5843, -60.9839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

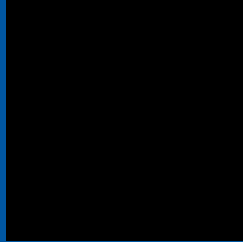
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5370, 45.5843, -60.9839

Background



This preview shows how black text looks on a background with the YUV color 69.5370, 45.5843, -60.9839.



This preview shows how white text looks on a background with the YUV color 69.5370, 45.5843, -60.9839.

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

69.5370, 45.5843, -60.9839

Protanopia

82.0850, 37.9191, -29.0155

Deuteranopia

69.3260, 42.2373, -60.7989



Tritanopia

68.0940, 17.2087, -59.7184

Trichromacy



Original Color

69.5370, 45.5843, -60.9839

Protanomaly

77.4040, 40.7198, -40.6963

Deuteranomaly

69.6680, 43.5477, -61.0988

Tritanomaly

68.7270, 27.2496, -60.2736

Monochromacy



Original Color

69.5370, 45.5843, -60.9839

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8090, 16.3632, -21.7575

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5370, 45.5843, -60.9839 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(0, 87, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 162)  
}
```

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(0, 87, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 162) }
```

Border

The CSS property to change the border of an element to YUV 69.5370, 45.5843, -60.9839 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(0, 87, 162) }
```


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

```
.border{ border-color:rgb(0, 87, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 162)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.5370, 45.5843, -60.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 162) }
```

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

```
.background{ background-color: rgb(0, 87,  
162) }
```

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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