

Converting Colors

YUV(46.0070, 56.6915, 16.6569)

Have a look what the booklet for
YUV(46.0070, 56.6915, 16.6569)
contains.

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Color

**YUV(46.0070, 56.6915,
16.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	410EA1
RGB	65, 14, 161
RGB Percent	25%, 5%, 63%
CMY	0.7451, 0.9451, 0.3686
CMYK	0.60, 0.91, 0.00, 0.37
HSL	261°, 84%, 34%
HSV	261°, 91%, 63%
XYZ	8.7700, 4.0111, 34.0302
YIQ	46.0070, -16.7910, 56.5290

Conversions

Conversions Part 2

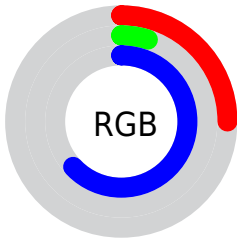
Format	Color
R _Y B	65, 14, 161
Decimal	4263585
CIE Lab	23.71, 54.78, -67.26
CIE LCh	24, 86.751, 309.161
Yxy	4.0111, 0.1873, 0.0857
Android (android.graphics.Color)	4282453665 (0xFF410EA1)
YUV	46.0070, 56.6915, 16.6569
Hunter-Lab	20.0277, 43.1156, -86.7234




Details

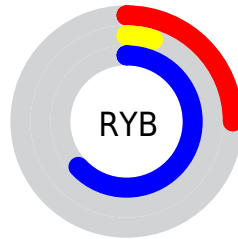
The YUV color **46.0070, 56.6915, 16.6569** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **128.9930, -56.6915, -16.6569**, and the grayscale version is **45.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.6160, 56.3913, 19.6308**, and **12.3120, 47.1742, -10.7976** is the 20% darker color. If you saturate the color by 10%, you get **35.0980, 62.0697, 18.3311**, and if you desaturate by 10%, it is **58.6880, 50.4398, 15.1826**.

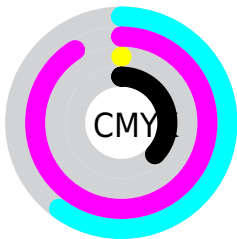
Distribution







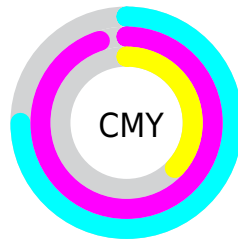
-  Red (25%)
-  Green (5%)
-  Blue (63%)






-  Red (25%)
-  Yellow (5%)
-  Blue (63%)



-  Cyan (60%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (75%)
-  Magenta (95%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0070, 56.6915, 16.6569 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 46.0070, 56.6915, 16.6569 by changing the saturation by 10% instead.

■ 46.0070, 56.6915,
16.6569

■ 46.0070, 56.6915,
16.6569

■ 255.0000, 0.0000,
0.0000

■ 23.6480, 54.4035,
3.8167

■ 102.6160, 56.3913,
19.6308

■ 12.3120, 47.1742,
-10.7976

■ 129.8550, 57.2595,
21.1752

■ 9.4620, 36.2542,
-8.2982

■ 155.1130, 49.2443,
25.3339

■ 10.1340, 23.5979,
-8.8875

■ 179.6330, 37.1559,
29.2629

■ 5.2780, 15.1459,
-4.6288

■ 204.4520, 24.9202,
33.8066


■ 1.2540, 4.8048,
-1.0998


■ 224.4760, 15.0483,


■ 0.0000, 0.0000,


26.7695


0.0000


 241.4990, 6.6560,
11.8404


 46.0070, 56.6915,
16.6569


 46.0070, 56.6915,
16.6569


 35.0980, 62.0697,
18.3311

 58.6880, 50.4398,
15.1826

 71.0700, 44.3355,
13.0936

 83.7510, 38.0838,
11.6194

 96.1330, 31.9794,
9.5304

 109.4010, 25.4383,
7.5413

■ 121.7830, 19.3340,
5.4523

■ 134.4640, 13.0822,
3.9781

■ 146.8460, 6.9779,
1.8891

■ 159.5270, 0.7262,
0.4148

Harmonies

Analogous

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



58.7550, 65.1968, -51.5281



46.0070, 56.6915, 16.6569



54.0150, 24.6426, 76.2858

Triad

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



46.0070, 56.6915, 16.6569



50.1790, -24.7382, 48.0780



53.8630, 10.9135, -47.2379

Complementary

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



46.0070, 56.6915, 16.6569



128.9930, -56.6915, -16.6569

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.



44.0250, -21.7043, -38.6099



46.0070, 56.6915, 16.6569



51.3550, -25.3180, 0.5657

Square

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



46.0070, 56.6915, 16.6569



42.4580, -20.9318, 87.2983



41.6770, -20.5468, -36.5507



62.3330, 38.2898, -54.6660

Rectangle

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



46.0070, 56.6915, 16.6569



54.0110, 3.9386, 90.3214



41.6770, -20.5468, -36.5507



51.2410, 0.8672, -44.9384

Sweetspot

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



46.0070, 56.6915, 16.6569



165.0650, 21.6600, 6.0820



88.2840, 35.8490, -65.1471



78.4640, 13.0822, 3.9781



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



46.0070, 56.6915, 16.6569



45.6530, 80.5301, 23.9833



67.5350, 46.0782, 60.9208



74.9230, 3.4890, 0.9445



31.4800, 55.9654, 16.2420



3.8460, 6.9779, 1.8891

Inverse Universe

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



68.8970, 20.2638, 80.7743



78.1090, 29.0333, 114.7914



107.4650, -46.0782, -60.9208



76.3750, 1.2941, 4.9331



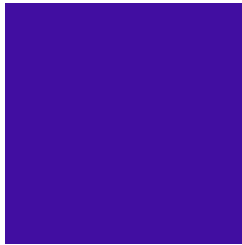
54.1850, 20.1218, 79.6448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 46.0070, 56.6915, 16.6569 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

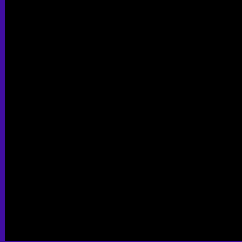
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0070, 56.6915, 16.6569

Background



This preview shows how black text looks on a background with the YUV color 46.0070, 56.6915, 16.6569.



This preview shows how white text looks on a background with the YUV color 46.0070, 56.6915,

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

46.0070, 56.6915, 16.6569

Protanopia

46.2100, 34.8995, -40.5262

Deuteranopia

46.6200, 26.3163, -40.8857



Tritanopia

51.4250, 8.6645, -25.8057

Trichromacy



Original Color

46.0070, 56.6915, 16.6569

Protanomaly

46.4050, 42.6913, -19.6492

Deuteranomaly

46.3250, 37.3078, -19.5790

Tritanomaly

49.4050, 25.9293, -10.0022

Monochromacy



Original Color

46.0070, 56.6915, 16.6569

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8370, 20.7864, 6.2820

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0070, 56.6915, 16.6569 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(65, 14, 161)` looks like.

```
.text, #text, p{  
    color:rgb(65, 14, 161)  
}
```

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(65, 14, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 14, 161) }
```

Border

The CSS property to change the border of an element to YUV 46.0070, 56.6915, 16.6569 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(65, 14, 161) }
```


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

```
.border{ border-color:rgb(65, 14, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 14, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 14, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 14, 161);  
box-shadow:4px 4px 4px 4px rgb(65, 14,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 46.0070, 56.6915, 16.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 14, 161) }
```

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

```
.background{ background-color: rgb(65, 14,  
161) }
```

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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