

Converting Colors

YUV(16.6490, 46.0220,
-14.6012)

Have a look what the booklet for
YUV(16.6490, 46.0220, -14.6012)
contains.

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Color

**YUV(16.6490, 46.0220,
-14.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	00076E
RGB	0, 7, 110
RGB Percent	0%, 3%, 43%
CMY	1.0000, 0.9725, 0.5686
CMYK	1.00, 0.94, 0.00, 0.57
HSL	236°, 100%, 22%
HSV	236°, 100%, 43%
XYZ	2.8905, 1.2777, 14.8461
YIQ	16.6490, -37.2350, 30.5490

Conversions

Conversions Part 2

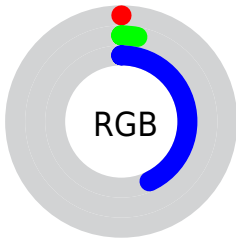
Format	Color
RYB	0, 7, 110
Decimal	1902
CIELab	11.12, 39.18, -56.18
CIELCh	11, 68.492, 304.888
Yxy	1.2777, 0.1520, 0.0672
Android (android.graphics.Color)	4278191982 (0xFF00076E)
YUV	16.6490, 46.0220, -14.6012
Hunter-Lab	11.3037, 25.8622, -69.9578

Details

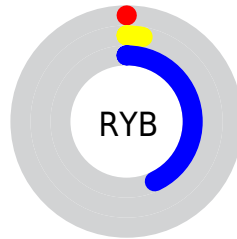
The YUV color **16.6490, 46.0220, -14.6012** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **93.3510, -46.0220, 14.6012**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.1180, 44.8048, 2.5275**, and **9.8890, 25.1977, -8.6727** is the 20% darker color. If you saturate the color by 10%, you get **16.6490, 46.0220, -14.6012**, and if you desaturate by 10%, it is **25.8080, 41.5067, -12.9866**.

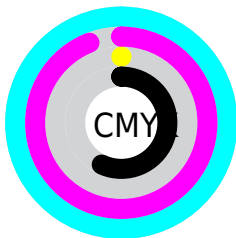
Distribution



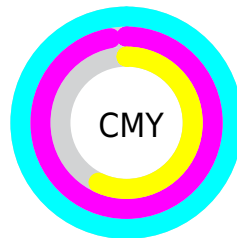
- Red (0%)
- Green (3%)
- Blue (43%)



- Red (0%)
- Yellow (3%)
- Blue (43%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (97%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.6490, 46.0220, -14.6012 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 16.6490, 46.0220, -14.6012 by changing the saturation by 10% instead.

■ 16.6490, 46.0220,
-14.6012

■ 16.6490, 46.0220,
-14.6012

■ 243.8470, 5.4984,
9.7812

■ 9.6900, 37.1278,
-8.4981

■ 72.1180, 44.8048,
2.5275

■ 9.8890, 25.1977,
-8.6727

■ 97.9550, 45.3782,
5.3015

■ 5.5060, 16.0195,
-4.8288

■ 123.7210, 46.9725,
7.2607

■ 2.2970, 6.2626,
-2.0145

■ 150.6610, 47.9881,
8.1903

■ 0.0000, 0.0000,
0.0000

■ 175.3920, 39.2467,
11.9342

■ 199.9120, 27.1584,

15.8632

■ 225.3180, 14.6332,
19.8921

■ 16.6490, 46.0220,
-14.6012

■ 25.8080, 41.5067,
-12.9866

■ 35.5540, 36.7019,
-11.8869

■ 44.7130, 32.1865,
-10.2723

■ 53.8720, 27.6711,
-8.6577

■ 63.6180, 22.8663,
-7.5580

■ 72.7770, 18.3509,
-5.9434

■ 81.9360, 13.8356,
-4.3289

■ 91.0950, 9.3202,
-2.7143

■ 100.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



36.8980, 44.9133, -32.3595



16.6490, 46.0220, -14.6012



33.5090, 18.4831, 45.1576

Triad

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



16.6490, 46.0220, -14.6012



22.0930, -10.8918, 40.2604



30.0460, 3.4283, -26.3503

Complementary

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



16.6490, 46.0220, -14.6012



93.3510, -46.0220, 14.6012

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.



25.2410, -12.4438, -22.1364



16.6490, 46.0220, -14.6012



27.7650, -13.6881, 3.7141

Square

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



16.6490, 46.0220, -14.6012



27.5080, -13.5614, 56.5595



24.0670, -11.8650, -21.1068



36.5780, 23.3790, -32.0789

Rectangle

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



16.6490, 46.0220, -14.6012



34.4600, 2.7312, 57.4786



24.0670, -11.8650, -21.1068



27.5210, -3.7079, -24.1359

Sweetspot

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



16.6490, 46.0220, -14.6012



106.6630, 17.9141, -5.8435



76.3120, 13.1572, -66.9256



49.4370, 10.6306, -3.0142



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.



16.6490, 46.0220, -14.6012



21.5850, 59.8576, -18.9300



26.8920, 40.9722, 18.5117



51.2710, 2.3314, -1.1147



18.3760, 50.1006, -16.1158



37.5500, 103.2588, -32.9313

Inverse Universe

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



33.6880, -13.1572, 66.9256



43.7830, -17.1480, 87.0133



83.1080, -40.9722, -18.5117



51.9080, -0.4476, 3.5887



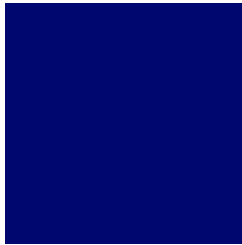
36.7920, -14.1945, 72.9734



75.6770, -29.4208, 150.2503

Previews

White Background



This preview shows how the YUV color 16.6490, 46.0220, -14.6012 looks on a white background.

Color Contrast Check

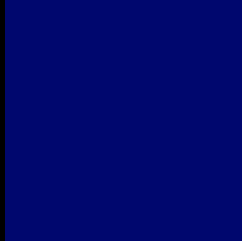
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6490, 46.0220, -14.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

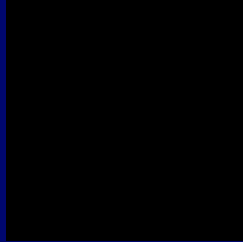
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.6490, 46.0220, -14.6012

Background



This preview shows how black text looks on a background with the YUV color 16.6490, 46.0220, -14.6012.



This preview shows how white text looks on a background with the YUV color 16.6490, 46.0220,

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



Deuteranopia

27.1570, 15.2056, -23.8167

Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Deuteranomaly

23.4530, 26.3987, -20.5683

Tritanomaly

22.6720, 20.8677, -19.8833

Monochromacy



Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

16.7340, 16.8931, -5.0287

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.6490, 46.0220, -14.6012 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, 7, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 7, 110)  
}
```

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, 7, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 7, 110) }
```

Border

The CSS property to change the border of an element to YUV 16.6490, 46.0220, -14.6012 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, 7, 110) }
```

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

```
.border{ border-color:rgb(0, 7, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 7, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 7, 110); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 7, 110); box-shadow:4px  
4px 4px 4px rgb(0, 7, 110) }
```


Background

The CSS property to change the background color of an element to YUV 16.6490, 46.0220, -14.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 7, 110) }
```

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

```
.background{ background-color: rgb(0, 7,  
110) }
```

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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