

Converting Colors

YUV(30.0640, 46.8034, 14.8529)

Have a look what the booklet for
YUV(30.0640, 46.8034, 14.8529)
contains.

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Color

**YUV(30.0640, 46.8034,
14.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	2F037D
RGB	47, 3, 125
RGB Percent	18%, 1%, 49%
CMY	0.8157, 0.9882, 0.5098
CMYK	0.62, 0.98, 0.00, 0.51
HSL	262°, 95%, 25%
HSV	262°, 98%, 49%
XYZ	4.9065, 2.1501, 19.5585
YIQ	30.0640, -12.9380, 47.2700

Conversions

Conversions Part 2

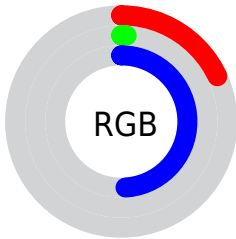
Format	Color
R_{YB}	47, 3, 125
Decimal	3081085
CIE _{Lab}	16.26, 47.14, -57.23
CIE _{LCh}	16, 74.145, 309.475
Yxy	2.1501, 0.1844, 0.0808
Android (android.graphics.Color)	4281271165 (0xFF2F037D)
YUV	30.0640, 46.8034, 14.8529
Hunter-Lab	14.6633, 34.0674, -68.8187

Details

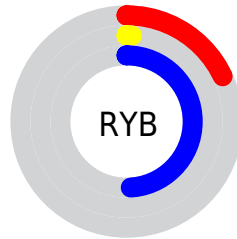
The YUV color **30.0640, 46.8034, 14.8529** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **97.9360, -46.8034, -14.8529**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2600, 46.2138, 17.3120**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **27.7050, 47.9664, 15.1677**, and if you desaturate by 10%, it is **40.0870, 41.8621, 13.0787**.

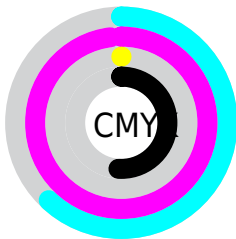
Distribution



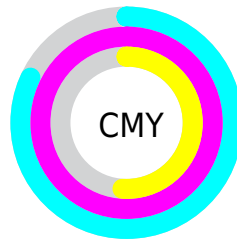
- Red (18%)
- Green (1%)
- Blue (49%)



- Red (18%)
- Yellow (1%)
- Blue (49%)



- Cyan (62%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0640, 46.8034, 14.8529 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 30.0640, 46.8034, 14.8529 by changing the saturation by 10% instead.

■ 30.0640, 46.8034,
14.8529

■ 30.0640, 46.8034,
14.8529

■ 249.1300, 2.8939,
5.1480

■ 13.3790, 42.2112,
-5.5944

■ 85.2600, 46.2138,
17.3120

■ 8.5500, 32.7599,
-7.4984

■ 111.4990, 47.0820,
18.8564

■ 8.1620, 21.1191,
-7.1581

■ 137.8520, 48.3870,
20.3008

■ 4.4800, 12.0884,
-3.9290


■ 163.9510, 44.8872,
22.8450


■ 0.0000, 0.0000,
0.0000


■ 188.4710, 32.7988,
26.7739


■ 213.8770, 20.2736,


30.8029


 232.1070, 11.2862,
20.0772


 30.0640, 46.8034,
14.8529


 30.0640, 46.8034,
14.8529


 27.7050, 47.9664,
15.1677

 40.0870, 41.8621,
13.0787

 49.5230, 37.2102,
11.8193

 59.5460, 32.2688,
10.0452

 68.9820, 27.6169,
8.7858

 79.0050, 22.6755,
7.0116

■ 88.4410, 18.0236,
5.7522

■ 97.8770, 13.3716,
4.4929

■ 107.9000, 8.4303,
2.7187

■ 117.9230, 3.4890,
0.9445

Harmonies

Analogous

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



44.1020, 52.2077, -38.6775



30.0640, 46.8034, 14.8529



41.5970, 18.4397, 59.1124

Triad

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



30.0640, 46.8034, 14.8529



35.3610, -17.4330, 38.2714



40.5440, 8.1128, -35.5571

Complementary

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



30.0640, 46.8034, 14.8529



97.9360, -46.8034, -14.8529

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.



33.4590, -16.4953, -29.3435



30.0640, 46.8034, 14.8529



36.2930, -17.8924, -1.1340

Square

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



30.0640, 46.8034, 14.8529



32.5910, -16.0674, 67.0107



30.5240, -15.0483, -26.7695



47.0590, 30.5369, -41.2707

Rectangle

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



30.0640, 46.8034, 14.8529



41.4940, 1.2355, 70.6038



30.5240, -15.0483, -26.7695



37.7910, 0.1030, -33.1427

Sweetspot

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



30.0640, 46.8034, 14.8529



126.4410, 18.0236, 5.7522



63.2810, 30.4275, -52.8664



59.2960, 11.1931, 3.2484



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



30.0640, 46.8034, 14.8529



36.2230, 62.5011, 19.9754



48.0040, 37.9590, 51.7395



58.6950, 2.6154, 1.1445



28.3460, 49.1294, 15.4826



0.0000, 0.0000, 0.0000

Inverse Universe

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



48.3700, 16.0866, 67.2045



60.5930, 21.3997, 89.8109



79.9960, -37.9590, -51.7395



59.5490, 0.7153, 3.9035



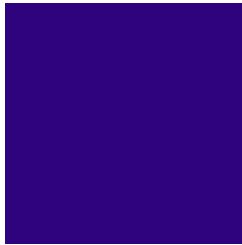
47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 30.0640, 46.8034, 14.8529 looks on a white background.

Color Contrast Check

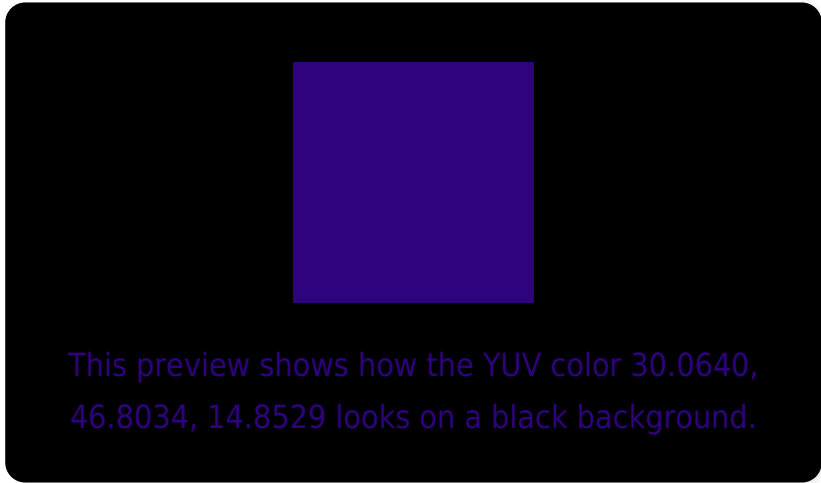
Large Text (above 18pt) WCAG AA ✓ Pass

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

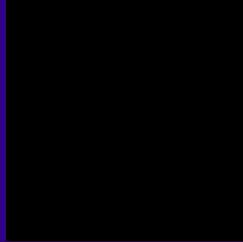
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0640, 46.8034, 14.8529

Background



This preview shows how black text looks on a background with the YUV color 30.0640, 46.8034, 14.8529.



This preview shows how white text looks on a background with the YUV color 30.0640, 46.8034,

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

30.0640, 46.8034, 14.8529

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

34.9650, 19.7373, -30.6643



Tritanopia

34.1040, 8.8227, -29.9092

Trichromacy



Original Color

30.0640, 46.8034, 14.8529

Protanomaly

33.0330, 33.5077, -14.0609

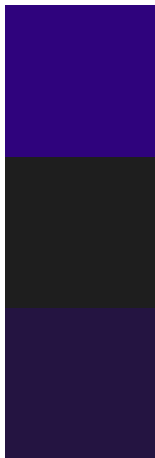
Deuteranomaly

33.2950, 29.4346, -14.2907

Tritanomaly

32.8730, 22.7406, -13.9206

Monochromacy



Original Color

30.0640, 46.8034, 14.8529

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9140, 17.2974, 5.3374

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0640, 46.8034, 14.8529 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(47, 3, 125)` looks like.

```
.text, #text, p{  
    color:rgb(47, 3, 125)  
}
```

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(47, 3, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 3, 125) }
```

Border

The CSS property to change the border of an element to YUV 30.0640, 46.8034, 14.8529 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(47, 3, 125) }
```


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

```
.border{ border-color:rgb(47, 3, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 3, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 3, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 3, 125);  
box-shadow:4px 4px 4px 4px rgb(47, 3, 125)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0640, 46.8034, 14.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 3, 125) }
```

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

```
.background{ background-color: rgb(47, 3,  
125) }
```

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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