

# Converting Colors

YUV(29.0790, 43.8381,  
-14.1013)

Have a look what the booklet for  
YUV(29.0790, 43.8381, -14.1013)  
contains.

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# Color

**YUV(29.0790, 43.8381,  
-14.1013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D1476
RGB	13, 20, 118
RGB Percent	5%, 8%, 46%
CMY	0.9490, 0.9216, 0.5373
CMYK	0.89, 0.83, 0.00, 0.54
HSL	236°, 80%, 26%
HSV	236°, 89%, 46%
XYZ	3.6861, 1.8939, 17.3108
YIQ	29.0790, -35.6300, 28.9940

# Conversions

## Conversions Part 2

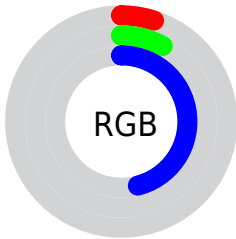
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 20, 118
Decimal	857206
CIE Lab	14.92, 35.97, -55.04
CIE LCh	15, 65.747, 303.166
Yxy	1.8939, 0.1610, 0.0827
Android (android.graphics.Color)	4279047286 (0xFF0D1476)
YUV	29.0790, 43.8381, -14.1013
Hunter-Lab	13.7618, 23.7285, -64.9467

# Details

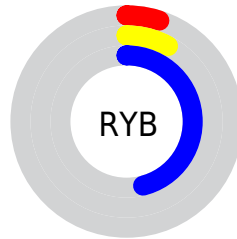
The YUV color **29.0790, 43.8381, -14.1013** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **101.9210, -43.8381, 14.1013**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8680, 43.9421, -0.7612**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **19.0340, 48.7902, -15.8158**, and if you desaturate by 10%, it is **39.1240, 38.8859, -12.3867**.

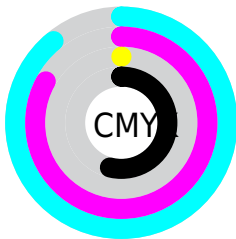
# Distribution



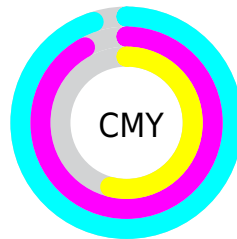
- Red (5%)
- Green (8%)
- Blue (46%)



- Red (5%)
- Yellow (8%)
- Blue (46%)



- Cyan (89%)
- Magenta (83%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (92%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 29.0790, 43.8381, -14.1013 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 29.0790, 43.8381, -14.1013 by changing the saturation by 10% instead.



■ 29.0790, 43.8381,  
-14.1013

■ 29.0790, 43.8381,  
-14.1013

■ 252.0650, 1.4470,  
2.5740

■ 10.6020, 40.6222,  
-9.2980

■ 81.8680, 43.9421,  
-0.7612

■ 7.7520, 29.7023,  
-6.7985

■ 107.8190, 44.9522,  
1.9127

■ 6.8910, 18.7877,  
-6.0434

■ 133.5850, 46.5466,  
3.8720

■ 3.2090, 9.7570,  
-2.8143

■ 160.2970, 46.6886,  
5.0015

■ 0.0000, 0.0000,  
0.0000

■ 184.8170, 34.6002,  
8.9305

■ 209.3370, 22.5119,

12.8595

■ 234.7430, 9.9867,  
16.8884

■ 29.0790, 43.8381,  
-14.1013

■ 29.0790, 43.8381,  
-14.1013

■ 19.0340, 48.7902,  
-15.8158

■ 39.1240, 38.8859,  
-12.3867

■ 18.1480, 49.2270,  
-15.9158

■ 49.1690, 33.9337,  
-10.6722

■ 58.9150, 29.1289,  
-9.5725

■ 68.9600, 24.1767,  
-7.8579

■ 79.0050, 19.2245,  
-6.1434

■ 89.0500, 14.2724,  
-4.4288

■ 99.0950, 9.3202,  
-2.7143

■ 108.8410, 4.5154,  
-1.6146

■ 118.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



41.6910, 45.5083, -36.5630



29.0790, 43.8381, -14.1013



36.7420, 21.8192, 48.4613

# Triad

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



29.0790, 43.8381, -14.1013



30.6650, -15.1178, 42.3898



36.4860, 2.7184, -31.9982

# Complementary

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



29.0790, 43.8381, -14.1013



101.9210, -43.8381, 14.1013

# 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.



30.5240, -15.0483, -26.7695



29.0790, 43.8381, -14.1013



35.1630, -17.3354, 6.8730

# Square

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



29.0790, 43.8381, -14.1013



30.7970, -15.1829, 63.3220



27.5890, -13.6014, -24.1956



41.7300, 22.8111, -36.5972



# Rectangle

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



29.0790, 43.8381, -14.1013



37.6930, 6.0674, 60.7822



27.5890, -13.6014, -24.1956



33.9610, -4.4178, -29.7838

# Sweetspot

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



29.0790, 43.8381, -14.1013



117.8480, 17.3299, -5.1287



85.8070, 12.4201, -63.8517



56.0240, 10.3412, -3.5290



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



29.0790, 43.8381, -14.1013



23.3120, 63.9362, -20.4446



38.7240, 39.0831, 17.7821



53.6840, 2.6208, -0.5999



18.6040, 50.9742, -16.3157



38.4790, 104.2799, -33.7461



# Inverse Universe

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



45.1930, -12.4201, 63.8517



46.8870, -18.1853, 93.0611



92.2760, -39.0831, -17.7821



54.7940, -0.8844, 3.6887



37.3900, -14.4893, 74.2030

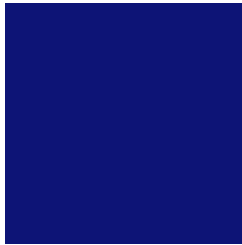


76.6880, -29.4262, 151.9946



# Previews

## White Background



This preview shows how the YUV color 29.0790, 43.8381, -14.1013 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

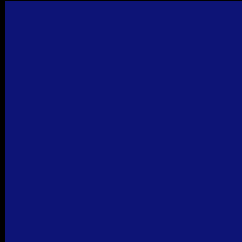
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 29.0790, 43.8381, -14.1013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

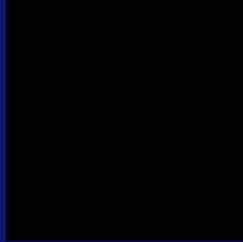
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 29.0790, 43.8381, -14.1013

## Background



This preview shows how black text looks on a background with the YUV color 29.0790, 43.8381, -14.1013.



This preview shows how white text looks on a background with the YUV color 29.0790, 43.8381, -14.1013.



# 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

29.0790, 43.8381, -14.1013

### Protanopia

31.3120, 23.5102, -27.4606

### Deuteranopia

31.1180, 17.6898, -27.2905



## Tritanopia

30.4850, 7.6489, -26.7353

# Trichromacy



## Original Color

29.0790, 43.8381, -14.1013

## Protanomaly

30.2940, 30.9141, -22.1828

## Deuteranomaly

30.6700, 27.2777, -22.5126

## Tritanomaly

30.2480, 20.5837, -22.1425

# Monochromacy



## Original Color

29.0790, 43.8381, -14.1013

## Achromatopsia

29.0000, 0.0000, 0.0000

## Achromatomaly

29.0930, 15.7302, -5.3436

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 29.0790, 43.8381, -14.1013 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(13, 20, 118)` looks like.

```
.text, #text, p{  
    color:rgb(13, 20, 118)  
}
```

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(13, 20, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 20, 118) }
```

## Border

The CSS property to change the border of an element to YUV 29.0790, 43.8381, -14.1013 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(13, 20, 118) }
```



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

```
.border{ border-color:rgb(13, 20, 118) }
```

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

Here you see how a box with a 4 pixel rgb(13, 20, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 20, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 20, 118);  
box-shadow:4px 4px 4px 4px rgb(13, 20,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 29.0790, 43.8381, -14.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 20, 118) }
```

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

```
.background{ background-color: rgb(13, 20,  
118) }
```

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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