

Converting Colors

YUV(29.8110, 46.9282,
-25.2672)

Have a look what the booklet for
YUV(29.8110, 46.9282, -25.2672)
contains.

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Color

**YUV(29.8110, 46.9282,
-25.2672)**

Conversions

Conversions Part 1

Format	Color
Hex	011A7D
RGB	1, 26, 125
RGB Percent	0%, 10%, 49%
CMY	0.9961, 0.8980, 0.5098
CMYK	0.99, 0.79, 0.00, 0.51
HSL	228°, 98%, 25%
HSV	228°, 99%, 49%
XYZ	4.0836, 2.2259, 19.6165
YIQ	29.8110, -46.6790, 25.4890

Conversions

Conversions Part 2

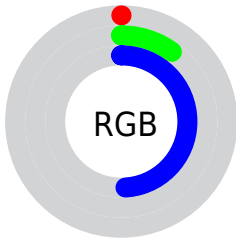
Format	Color
R_{YB}	1, 22, 125
Decimal	72317
CIE Lab	16.63, 34.47, -56.70
CIE LCh	17, 66.354, 301.299
Yxy	2.2259, 0.1575, 0.0859
Android (android.graphics.Color)	4278262397 (0xFF011A7D)
YUV	29.8110, 46.9282, -25.2672
Hunter-Lab	14.9195, 22.7478, -67.5121

Details

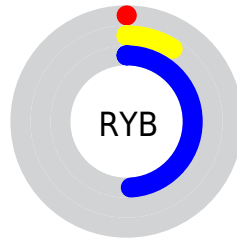
The YUV color **29.8110, 46.9282, -25.2672** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **96.1890, -46.9282, 25.2672**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1170, 46.2843, -5.3646**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **28.9250, 47.3650, -25.3672**, and if you desaturate by 10%, it is **39.2690, 42.2654, -23.0379**.

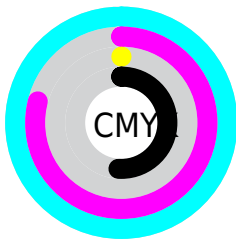
Distribution



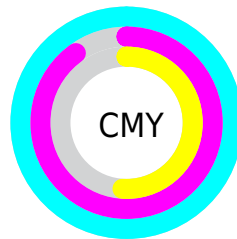
- Red (0%)
- Green (10%)
- Blue (49%)



- Red (0%)
- Yellow (9%)
- Blue (49%)



- Cyan (99%)
- Magenta (79%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (90%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8110, 46.9282, -25.2672 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 29.8110, 46.9282, -25.2672 by changing the saturation by 10% instead.

■ 29.8110, 46.9282,
-25.2672

■ 29.8110, 46.9282,
-25.2672

■ 255.0000, 0.0000,
0.0000

■ 14.8080, 41.5067,
-12.9866

■ 85.1170, 46.2843,
-5.3646

■ 8.5500, 32.7599,
-7.4984

■ 111.0680, 47.2945,
-2.6906

■ 8.1620, 21.1191,
-7.1581

■ 137.6060, 48.0152,
-0.5315

■ 4.4800, 12.0884,
-3.9290

■ 163.5200, 45.0996,
1.2980


■ 0.0000, 0.0000,
0.0000


■ 188.0400, 33.0113,
5.2269


■ 212.5600, 20.9229,


9.1559


 237.9660, 8.3978,
13.1848


 29.8110, 46.9282,
-25.2672


 29.8110, 46.9282,
-25.2672


 28.9250, 47.3650,
-25.3672

 39.2690, 42.2654,
-23.0379

 49.0260, 37.4552,
-20.1938

 58.4840, 32.7924,
-17.9645

 68.2410, 27.9822,
-15.1204

 77.9980, 23.1720,
-12.2762

■ 87.4560, 18.5092,
-10.0469

■ 97.2130, 13.6990,
-7.2028

■ 106.6710, 9.0362,
-4.9735

■ 116.1290, 4.3734,
-2.7441

Harmonies

Analogous

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



44.7230, 46.9716, -39.2221



29.8110, 46.9282, -25.2672



38.1380, 24.5820, 48.9910

Triad

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



29.8110, 46.9282, -25.2672



33.3450, -16.4391, 46.1784



38.2470, 1.8502, -33.5426

Complementary

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



29.8110, 46.9282, -25.2672



96.1890, -46.9282, 25.2672

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.



32.2850, -15.9165, -28.3139



29.8110, 46.9282, -25.2672



39.0170, -19.2354, 9.6321

Square

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



29.8110, 46.9282, -25.2672



32.8900, -16.2148, 67.6255



29.9370, -14.7589, -26.2547



44.3060, 22.5271, -38.8564

Rectangle

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



29.8110, 46.9282, -25.2672



39.9860, 8.3879, 63.1563



29.9370, -14.7589, -26.2547



36.3090, -5.5753, -31.8430

Sweetspot

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



29.8110, 46.9282, -25.2672



125.4560, 18.5092, -10.0469



84.8460, 6.4849, -73.5329



58.9420, 11.3676, -6.0881



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.



29.8110, 46.9282, -25.2672



37.9530, 61.6482, -33.2848



25.6010, 49.0037, 9.1199



58.9720, 2.4788, -1.7294



29.8540, 48.3860, -26.1820



0.0000, 0.0000, 0.0000

Inverse Universe

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



40.9260, -7.3585, 73.7329



52.4990, -9.6130, 96.9094



100.3990, -49.0037, -9.1199



59.3210, -0.1583, 4.1035



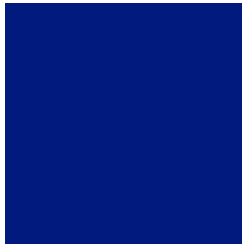
41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 29.8110, 46.9282, -25.2672 looks on a white background.

Color Contrast Check

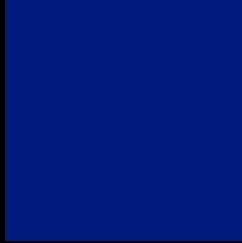
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8110, 46.9282, -25.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

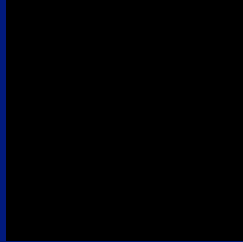
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8110, 46.9282, -25.2672

Background



This preview shows how black text looks on a background with the YUV color 29.8110, 46.9282, -25.2672.



This preview shows how white text looks on a background with the YUV color 29.8110, 46.9282, -25.2672.

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

29.8110, 46.9282, -25.2672

Protanopia

33.9850, 26.1364, -29.8048

Deuteranopia

34.2640, 19.5898, -30.0495



Tritanopia

33.8760, 7.9491, -29.7093

Trichromacy



Original Color

29.8110, 46.9282, -25.2672

Protanomaly

32.6460, 33.6985, -28.6305

Deuteranomaly

32.3210, 29.9147, -28.3455

Tritanomaly

32.2580, 22.0578, -28.2903

Monochromacy



Original Color

29.8110, 46.9282, -25.2672

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1140, 17.1988, -9.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8110, 46.9282, -25.2672 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(1, 26, 125)` looks like.

```
.text, #text, p{  
    color:rgb(1, 26, 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(1, 26, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 26, 125) }
```

Border

The CSS property to change the border of an element to YUV 29.8110, 46.9282, -25.2672 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(1, 26, 125) }
```


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

```
.border{ border-color:rgb(1, 26, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 26, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 26, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 26, 125);  
box-shadow:4px 4px 4px 4px rgb(1, 26, 125)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.8110, 46.9282, -25.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 26, 125) }
```

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

```
.background{ background-color: rgb(1, 26,  
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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