

Converting Colors

YUV(29.0710, 26.0940, 30.6327)

Have a look what the booklet for
YUV(29.0710, 26.0940, 30.6327)
contains.

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Color

**YUV(29.0710, 26.0940,
30.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	400152
RGB	64, 1, 82
RGB Percent	25%, 0%, 32%
CMY	0.7490, 0.9961, 0.6784
CMYK	0.22, 0.99, 0.00, 0.68
HSL	287°, 98%, 16%
HSV	287°, 99%, 32%
XYZ	3.6482, 1.7209, 8.1225
YIQ	29.0710, 11.5470, 38.5470

Conversions

Conversions Part 2

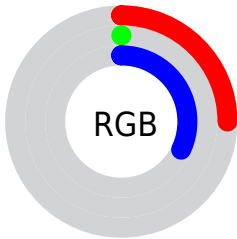
Format	Color
R_{YB}	64, 1, 82
Decimal	4194642
CIE _{Lab}	13.95, 39.57, -32.56
CIE _{LCh}	14, 51.244, 320.556
Yxy	1.7209, 0.2704, 0.1276
Android (android.graphics.Color)	4282384722 (0xFF400152)
YUV	29.0710, 26.0940, 30.6327
Hunter-Lab	13.1183, 26.6839, -27.5282

Details

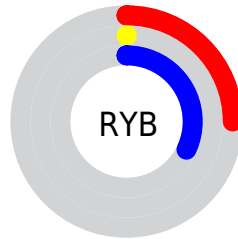
The YUV color **29.0710, 26.0940, 30.6327** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **53.9290, -26.0940, -30.6327**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1310, 25.0784, 29.7031**, and **6.4960, 14.5455, 1.3190** is the 20% darker color. If you saturate the color by 10%, you get **28.4840, 26.3834, 31.1475**, and if you desaturate by 10%, it is **34.3650, 23.4841, 27.7439**.

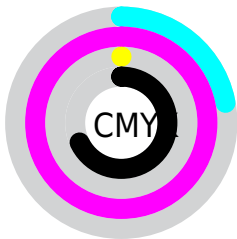
Distribution



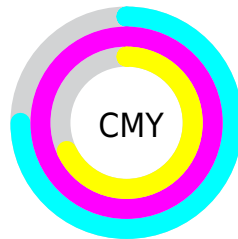
- Red (25%)
- Green (0%)
- Blue (32%)



- Red (25%)
- Yellow (0%)
- Blue (32%)



- Cyan (22%)
- Magenta (99%)
- Yellow (0%)
- Black (68%)



- Cyan (75%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0710, 26.0940, 30.6327 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 29.0710, 26.0940, 30.6327 by changing the saturation by 10% instead.

■ 29.0710, 26.0940,
30.6327

■ 29.0710, 26.0940,
30.6327

■ 246.7820, 4.0515,
7.2072

■ 18.6860, 19.8748,
18.6924

■ 81.1310, 25.0784,
29.7031

■ 6.4960, 14.5455,
1.3190

■ 106.8430, 25.2204,
30.8327

■ 1.3680, 5.2416,
-1.1997

■ 132.7830, 26.2360,
31.7623


■ 0.0000, 0.0000,
0.0000


■ 159.6090, 26.8148,
32.7919


■ 187.3210, 26.9567,
33.9215


■ 213.3230, 20.5468,


36.5507


 229.7590, 12.4438,
22.1364


 29.0710, 26.0940,
30.6327


 29.0710, 26.0940,
30.6327


 28.4840, 26.3834,
31.1475

 34.3650, 23.4841,
27.7439

 39.6590, 20.8741,
24.8551

 45.2410, 18.1222,
20.8366

 50.5350, 15.5122,
17.9478

 55.8290, 12.9023,
15.0590

■ 61.1230, 10.2924,
12.1701

■ 66.4170, 7.6824,
9.2813

■ 72.2980, 4.7831,
5.8777

■ 77.2930, 2.3206,
2.3740

Harmonies

Analogous

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



30.7540, 36.6033, -26.9713



29.0710, 26.0940, 30.6327



32.3820, 7.6997, 50.5310

Triad

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



29.0710, 26.0940, 30.6327



34.0550, -16.7891, 18.3688



36.1900, 11.7383, -31.7386

Complementary

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



29.0710, 26.0940, 30.6327



53.9290, -26.0940, -30.6327

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.



31.2710, -4.5706, -27.4247



29.0710, 26.0940, 30.6327



30.3460, -14.9606, -8.1964

Square

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



29.0710, 26.0940, 30.6327



25.9690, -12.8027, 46.5082



27.0020, -13.3120, -23.6808



38.6640, 26.2946, -33.9083

Rectangle

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



29.0710, 26.0940, 30.6327



30.9560, -2.9363, 55.2896



27.0020, -13.3120, -23.6808



34.2350, 6.7861, -30.0241

Sweetspot

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



29.0710, 26.0940, 30.6327



86.1230, 10.2924, 12.1701



21.3870, 29.8822, -17.8794



40.7650, 6.5249, 7.2221



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



29.0710, 26.0940, 30.6327



37.0150, 34.5026, 40.3288



31.9450, 13.8311, 43.8982



38.3530, 1.3050, 1.4444



36.1890, 33.9238, 39.2992



80.2680, 74.8039, 87.4650

Inverse Universe

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



27.2710, -4.0776, 47.9973



34.7290, -5.2894, 63.3817



51.0550, -13.8311, -43.8982



38.3100, -0.1528, 2.3591



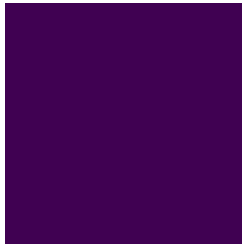
34.0170, -5.4314, 62.2521



75.2960, -11.4849, 137.4294

Previews

White Background



This preview shows how the YUV color 29.0710, 26.0940, 30.6327 looks on a white background.

Color Contrast Check

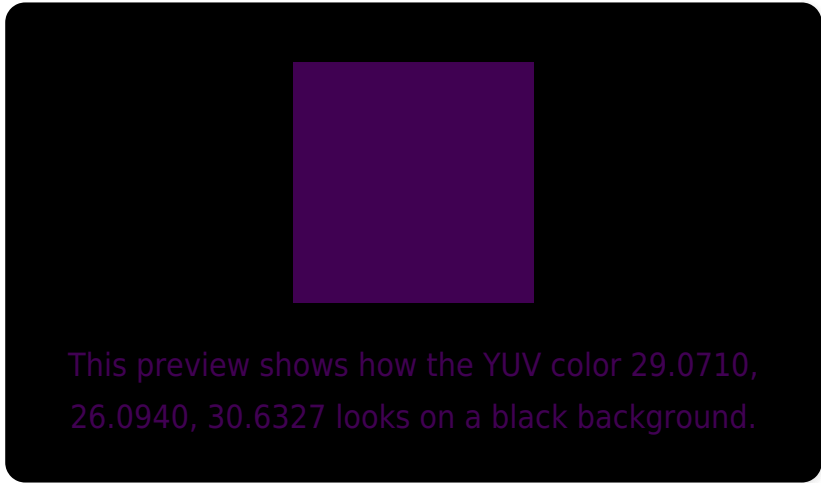
Large Text (above 18pt) WCAG AA ✓ Pass

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

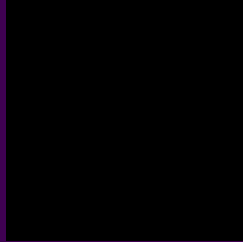
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0710, 26.0940, 30.6327

Background



This preview shows how black text looks on a background with the YUV color 29.0710, 26.0940, 30.6327.



This preview shows how white text looks on a background with the YUV color 29.0710, 26.0940,

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

29.0710, 26.0940, 30.6327

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.4600, 19.0002, -27.5904



Tritanopia

39.7030, -2.8116, 15.1695

Trichromacy



Original Color

29.0710, 26.0940, 30.6327

Protanomaly

30.7860, 24.7555, -6.8283

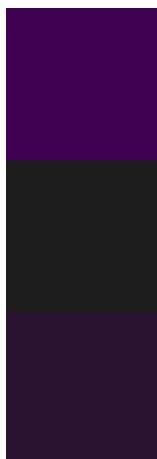
Deuteranomaly

30.5750, 21.4085, -6.6433

Tritanomaly

36.0810, 7.3551, 20.9770

Monochromacy



Original Color

29.0710, 26.0940, 30.6327

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1830, 9.2768, 11.2405

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0710, 26.0940, 30.6327 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(64, 1, 82)` looks like.

```
.text, #text, p{  
    color:rgb(64, 1, 82)  
}
```

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(64, 1, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 1, 82) }
```

Border

The CSS property to change the border of an element to YUV 29.0710, 26.0940, 30.6327 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(64, 1, 82) }
```


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

```
.border{ border-color:rgb(64, 1, 82) }
```

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

Here you see how a box with a 4 pixel rgb(64, 1, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 1, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 1, 82); box-shadow:4px  
4px 4px 4px rgb(64, 1, 82) }
```

Background

The CSS property to change the background color of an element to YUV 29.0710, 26.0940, 30.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 1, 82) }
```

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

```
.background{ background-color: rgb(64, 1,  
82) }
```

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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