

Converting Colors

YUV(29.7080, 29.7240,
-13.7759)

Have a look what the booklet for
YUV(29.7080, 29.7240, -13.7759)
contains.

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Color

**YUV(29.7080, 29.7240,
-13.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	0E1A5A
RGB	14, 26, 90
RGB Percent	5%, 10%, 35%
CMY	0.9451, 0.8980, 0.6471
CMYK	0.84, 0.71, 0.00, 0.65
HSL	231°, 73%, 20%
HSV	231°, 84%, 35%
XYZ	2.3960, 1.5703, 9.8497
YIQ	29.7080, -27.6960, 17.3600

Conversions

Conversions Part 2

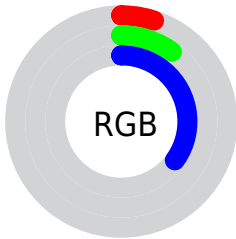
Format	Color
R_{YB}	14, 24, 90
Decimal	924250
CIE _{Lab}	13.05, 21.40, -39.70
CIE _{LCh}	13, 45.097, 298.325
Yxy	1.5703, 0.1734, 0.1137
Android (android.graphics.Color)	4279114330 (0xFF0E1A5A)
YUV	29.7080, 29.7240, -13.7759
Hunter-Lab	12.5313, 12.1991, -37.8304

Details

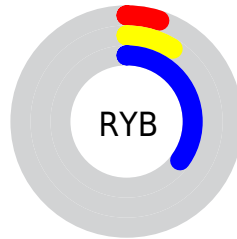
The YUV color **29.7080, 29.7240, -13.7759** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.2920, -29.7240, 13.7759**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.1050, 31.0072, -5.3541**, and **6.6630, 17.9141, -5.8435** is the 20% darker color. If you saturate the color by 10%, you get **22.3210, 33.3657, -15.1905**, and if you desaturate by 10%, it is **37.0950, 26.0822, -12.3613**.

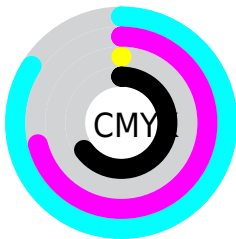
Distribution



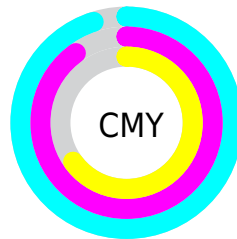
- Red (5%)
- Green (10%)
- Blue (35%)



- Red (5%)
- Yellow (9%)
- Blue (35%)



- Cyan (84%)
- Magenta (71%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.7080, 29.7240, -13.7759 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 29.7080, 29.7240, -13.7759 by changing the saturation by 10% instead.

■ 29.7080, 29.7240,
-13.7759

■ 29.7080, 29.7240,
-13.7759

■ 253.8260, 0.5788,
1.0296

■ 8.1110, 28.5393,
-7.1133

■ 78.1050, 31.0072,
-5.3541

■ 6.6630, 17.9141,
-5.8435

■ 103.0450, 32.0228,
-4.4245

■ 2.9810, 8.8834,
-2.6143

■ 128.2840, 32.8910,
-2.8801

■ 0.0000, 0.0000,
0.0000

■ 154.8110, 33.6172,
-2.4652

■ 181.7510, 34.6328,
-1.5356

■ 206.9010, 23.7128,

0.9638

■ 232.0080, 11.3351,
4.3780

■ 29.7080, 29.7240,
-13.7759

■ 29.7080, 29.7240,
-13.7759

■ 22.3210, 33.3657,
-15.1905

■ 37.0950, 26.0822,
-12.3613

■ 18.4780, 35.2603,
-16.2052

■ 43.8950, 22.7298,
-10.4319

■ 51.2820, 19.0880,
-9.0173

■ 58.0820, 15.7356,
-7.0879

■ 65.4690, 12.0938,
-5.6733

■ 72.2690, 8.7414,
-3.7439

■ 79.6560, 5.0996,
-2.3293

■ 87.0430, 1.4578,
-0.9147

■ 93.8430, -1.8946,
1.0147

Harmonies

Analogous

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



34.0650, 31.5200, -29.8750



29.7080, 29.7240, -13.7759



27.6710, 19.3892, 34.4915

Triad

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



29.7080, 29.7240, -13.7759



29.7240, -14.6539, 33.5681



30.5360, 0.2288, -26.7801

Complementary

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



29.7080, 29.7240, -13.7759



74.2920, -29.7240, 13.7759

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.



25.8280, -12.7332, -22.6512



29.7080, 29.7240, -13.7759



32.2390, -15.8938, 11.1914

Square

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



29.7080, 29.7240, -13.7759



24.8170, -12.2348, 51.0265



26.7690, -13.1971, -13.8294



34.1840, 14.2063, -29.9794

Rectangle

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



29.7080, 29.7240, -13.7759



29.5770, 8.5895, 45.0980



26.7690, -13.1971, -13.8294



29.2820, -4.5760, -25.6803

Sweetspot

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



29.7080, 29.7240, -13.7759



94.2410, 11.2202, -5.4734



65.7940, 5.5246, -45.4233



44.8130, 6.9942, -3.3440



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



29.7080, 29.7240, -13.7759



24.4910, 45.6069, -21.4786



30.1390, 29.5115, 7.7711



42.1570, 1.8946, -1.0147



22.5190, 43.1281, -19.7492



48.7370, 92.8137, -42.7423

Inverse Universe

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



38.0920, -5.9614, 45.5233



37.1490, -8.9475, 70.0293



73.8610, -29.5115, -7.7711



42.6090, -0.3002, 2.9739



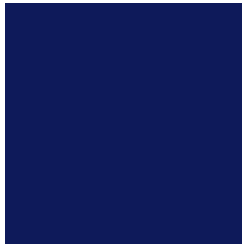
34.8280, -8.7892, 65.9258



75.0810, -18.7739, 142.0030

Previews

White Background



This preview shows how the YUV color 29.7080, 29.7240, -13.7759 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

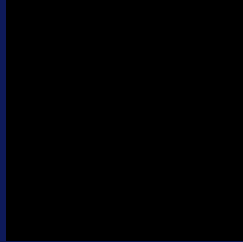
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.7080, 29.7240, -13.7759

Background



This preview shows how black text looks on a background with the YUV color 29.7080, 29.7240, -13.7759.



This preview shows how white text looks on a background with the YUV color 29.7080, 29.7240,

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

29.7080, 29.7240, -13.7759

Protanopia

27.3510, 21.0260, -23.9868

Deuteranopia

27.9720, 15.7898, -24.5314



Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Original Color

29.7080, 29.7240, -13.7759

Protanomaly

27.8830, 24.2147, -20.0684

Deuteranomaly

28.3730, 21.0151, -20.4981

Tritanomaly

28.1790, 15.1948, -20.3280

Monochromacy



Original Color

29.7080, 29.7240, -13.7759

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1270, 10.7834, -5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.7080, 29.7240, -13.7759 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(14, 26, 90)` looks like.

```
.text, #text, p{  
    color:rgb(14, 26, 90)  
}
```

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(14, 26, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 26, 90) }
```

Border

The CSS property to change the border of an element to YUV 29.7080, 29.7240, -13.7759 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(14, 26, 90) }
```


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

```
.border{ border-color:rgb(14, 26, 90) }
```

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

Here you see how a box with a 4 pixel rgb(14, 26, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 26, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 26, 90);  
box-shadow:4px 4px 4px 4px rgb(14, 26, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.7080, 29.7240, -13.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 26, 90) }
```

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

```
.background{ background-color: rgb(14, 26,  
90) }
```

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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