

Converting Colors

YUV(30.5940, 29.2872,
-13.6759)

Have a look what the booklet for
YUV(30.5940, 29.2872, -13.6759)
contains.

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Color

**YUV(30.5940, 29.2872,
-13.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1B5A
RGB	15, 27, 90
RGB Percent	6%, 11%, 35%
CMY	0.9412, 0.8941, 0.6471
CMYK	0.83, 0.70, 0.00, 0.65
HSL	230°, 71%, 21%
HSV	230°, 83%, 35%
XYZ	2.4344, 1.6236, 9.8579
YIQ	30.5940, -27.3750, 17.0490

Conversions

Conversions Part 2

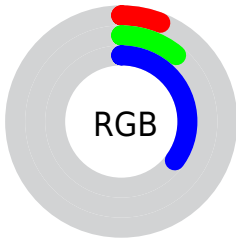
Format	Color
R_{YB}	15, 25, 90
Decimal	990042
CIE _{Lab}	13.37, 20.78, -39.16
CIE _{LCh}	13, 44.332, 297.947
Yxy	1.6236, 0.1749, 0.1167
Android (android.graphics.Color)	4279180122 (0xFF0F1B5A)
YUV	30.5940, 29.2872, -13.6759
Hunter-Lab	12.7421, 11.8041, -36.9503

Details

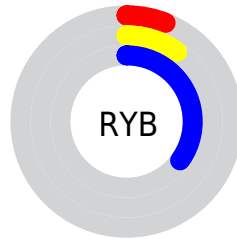
The YUV color **30.5940, 29.2872, -13.6759** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.4060, -29.2872, 13.6759**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6920, 30.7178, -5.8689**, and **6.6630, 17.9141, -5.8435** is the 20% darker color. If you saturate the color by 10%, you get **23.2070, 32.9289, -15.0905**, and if you desaturate by 10%, it is **37.9810, 25.6454, -12.2613**.

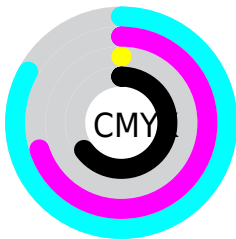
Distribution



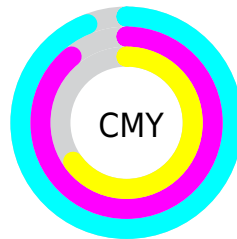
- Red (6%)
- Green (11%)
- Blue (35%)



- Red (6%)
- Yellow (10%)
- Blue (35%)



- Cyan (83%)
- Magenta (70%)
- Yellow (0%)
- Black (65%)



- Cyan (94%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5940, 29.2872, -13.6759 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 30.5940, 29.2872, -13.6759 by changing the saturation by 10% instead.

■ 30.5940, 29.2872,
-13.6759

■ 30.5940, 29.2872,
-13.6759

■ 255.0000, 0.0000,
0.0000

■ 9.2850, 27.9605,
-8.1429

■ 78.6920, 30.7178,
-5.8689

■ 6.6630, 17.9141,
-5.8435

■ 103.9310, 31.5860,
-4.3245

■ 2.9810, 8.8834,
-2.6143

■ 129.4580, 32.3122,
-3.9097

■ 0.0000, 0.0000,
0.0000

■ 155.3980, 33.3278,
-2.9800

■ 182.9250, 34.0540,
-2.5652

■ 207.4880, 23.4234,

0.4490

■ 232.5950, 11.0457,
3.8632

■ 30.5940, 29.2872,
-13.6759

■ 30.5940, 29.2872,
-13.6759

■ 23.2070, 32.9289,
-15.0905

■ 37.9810, 25.6454,
-12.2613

■ 18.4780, 35.2603,
-16.2052

■ 44.7810, 22.2930,
-10.3319

■ 52.1680, 18.6512,
-8.9173

■ 58.9680, 15.2988,
-6.9879

■ 66.3550, 11.6570,
-5.5733

■ 73.1550, 8.3046,
-3.6439

■ 80.5420, 4.6628,
-2.2293

■ 87.3420, 1.3104,
-0.2999

■ 94.7290, -2.3314,
1.1147

Harmonies

Analogous

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



34.5380, 30.7938, -30.2898



30.5940, 29.2872, -13.6759



28.3720, 19.5366, 33.8768

Triad

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



30.5940, 29.2872, -13.6759



30.3110, -14.9433, 33.0533



31.1230, -0.0606, -27.2949

Complementary

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



30.5940, 29.2872, -13.6759



74.4060, -29.2872, 13.6759

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



30.5940, 29.2872, -13.6759



33.1250, -16.3306, 11.2914

Square

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



30.5940, 29.2872, -13.6759



24.9310, -11.7980, 50.9265



28.2530, -13.9287, -12.4999



34.7710, 13.9169, -30.4942

Rectangle

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



30.5940, 29.2872, -13.6759



29.6910, 9.0263, 44.9980



28.2530, -13.9287, -12.4999



29.2820, -4.5760, -25.6803

Sweetspot

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



30.5940, 29.2872, -13.6759



94.2410, 11.2202, -5.4734



66.2070, 5.8139, -44.9085



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.



30.5940, 29.2872, -13.6759



24.4910, 45.6069, -21.4786



31.0250, 29.0747, 7.8711



42.1570, 1.8946, -1.0147



23.1060, 42.8387, -20.2640



49.3240, 92.5243, -43.2571

Inverse Universe

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



38.7930, -5.8139, 44.9085



37.1490, -8.9475, 70.0293



73.9750, -29.0747, -7.8711



42.6090, -0.3002, 2.9739



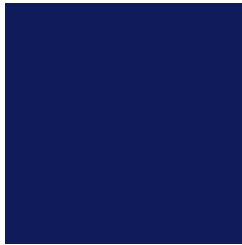
34.9420, -8.3524, 65.8259



75.1950, -18.3371, 141.9030

Previews

White Background



This preview shows how the YUV color 30.5940, 29.2872, -13.6759 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 30.5940, 29.2872, -13.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

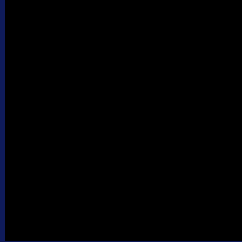
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5940, 29.2872, -13.6759

Background



This preview shows how black text looks on a background with the YUV color 30.5940, 29.2872, -13.6759.



This preview shows how white text looks on a background with the YUV color 30.5940, 29.2872,

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

30.5940, 29.2872, -13.6759

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.0860, 16.2266, -24.6314



Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Original Color

30.5940, 29.2872, -13.6759

Protanomaly

28.6980, 24.7989, -20.7831

Deuteranomaly

29.0740, 21.1625, -21.1129

Tritanomaly

28.7660, 14.9054, -20.8428

Monochromacy



Original Color

30.5940, 29.2872, -13.6759

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5940, 29.2872, -13.6759 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(15, 27, 90)` looks like.

```
.text, #text, p{  
    color:rgb(15, 27, 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(15, 27, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 27, 90) }
```

Border

The CSS property to change the border of an element to YUV 30.5940, 29.2872, -13.6759 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(15, 27, 90) }
```


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

```
.border{ border-color:rgb(15, 27, 90) }
```

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

Here you see how a box with a 4 pixel rgb(15, 27, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 27, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 27, 90);  
box-shadow:4px 4px 4px 4px rgb(15, 27, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.5940, 29.2872, -13.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 27, 90) }
```

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

```
.background{ background-color: rgb(15, 27,  
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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