

Converting Colors

YUV(28.8820, 29.1452,
-14.8055)

Have a look what the booklet for
YUV(28.8820, 29.1452, -14.8055)
contains.

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Color

**YUV(28.8820, 29.1452,
-14.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1A58
RGB	12, 26, 88
RGB Percent	5%, 10%, 35%
CMY	0.9529, 0.8980, 0.6549
CMYK	0.86, 0.70, 0.00, 0.65
HSL	229°, 76%, 20%
HSV	229°, 86%, 35%
XYZ	2.2825, 1.5215, 9.4059
YIQ	28.8820, -28.2460, 16.3140

Conversions

Conversions Part 2

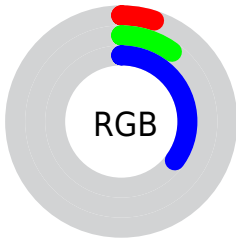
Format	Color
R_{YB}	12, 24, 88
Decimal	793176
CIE _{Lab}	12.74, 20.36, -38.85
CIE _{LCh}	13, 43.862, 297.651
Yxy	1.5215, 0.1728, 0.1152
Android (android.graphics.Color)	4278983256 (0xFF0C1A58)
YUV	28.8820, 29.1452, -14.8055
Hunter-Lab	12.3350, 11.4432, -36.5762

Details

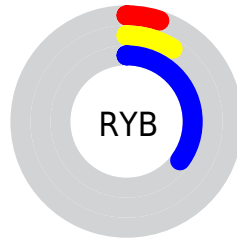
The YUV color **28.8820, 29.1452, -14.8055** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **71.1180, -29.1452, 14.8055**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.2790, 30.4285, -6.3837**, and **6.4350, 17.0405, -5.6435** is the 20% darker color. If you saturate the color by 10%, you get **22.0820, 32.4976, -16.7349**, and if you desaturate by 10%, it is **35.6820, 25.7928, -12.8761**.

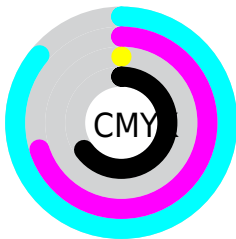
Distribution



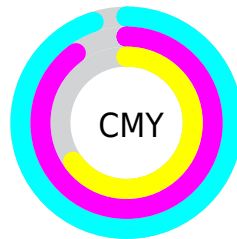
- Red (5%)
- Green (10%)
- Blue (35%)



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



- Cyan (86%)
- Magenta (70%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8820, 29.1452, -14.8055 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 28.8820, 29.1452, -14.8055 by changing the saturation by 10% instead.

■ 28.8820, 29.1452,
-14.8055

■ 28.8820, 29.1452,
-14.8055

■ 253.8260, 0.5788,
1.0296

■ 7.2960, 27.9551,
-6.3986

■ 77.2790, 30.4285,
-6.3837

■ 6.4350, 17.0405,
-5.6435

■ 102.1050, 31.0072,
-5.3541

■ 2.7530, 8.0098,
-2.4144

■ 127.4580, 32.3122,
-3.9097

■ 0.0000, 0.0000,
0.0000

■ 153.9850, 33.0384,
-3.4948

■ 180.9250, 34.0540,
-2.5652

■ 206.3030, 24.0076,

-0.2657

■ 230.8230, 11.9193,
3.6632

■ 28.8820, 29.1452,
-14.8055

■ 28.8820, 29.1452,
-14.8055

■ 22.0820, 32.4976,
-16.7349

■ 35.6820, 25.7928,
-12.8761

■ 19.4240, 33.8080,
-17.0348

■ 42.4820, 22.4404,
-10.9467

■ 49.5700, 18.9460,
-10.1469

■ 56.3700, 15.5936,
-8.2175

■ 63.1700, 12.2412,
-6.2881

■ 69.9700, 8.8888,
-4.3587

■ 76.7700, 5.5364,
-2.4293

■ 83.2710, 2.3314,
-1.1147

■ 90.6580, -1.3104,
0.2999

Harmonies

Analogous

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



33.1360, 30.4990, -29.0603



28.8820, 29.1452, -14.8055



26.9590, 19.2472, 33.3620

Triad

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



28.8820, 29.1452, -14.8055



28.8380, -14.2171, 33.4681



29.8350, 0.0813, -26.1653

Complementary

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



28.8820, 29.1452, -14.8055



71.1180, -29.1452, 14.8055

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.



25.2410, -12.4438, -22.1364



28.8820, 29.1452, -14.8055



31.3530, -15.4570, 11.0914

Square

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



28.8820, 29.1452, -14.8055



24.2190, -11.9400, 49.7969



26.7800, -13.2025, -12.0851



33.3690, 13.6221, -29.2646

Rectangle

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



28.8820, 29.1452, -14.8055



28.6800, 9.0318, 43.2536



26.7800, -13.2025, -12.0851



28.5810, -4.7234, -25.0655

Sweetspot

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



28.8820, 29.1452, -14.8055



91.3550, 11.6570, -5.5733



63.5660, 4.6510, -45.2234



44.5140, 7.1416, -3.9588



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.



28.8820, 29.1452, -14.8055



25.4370, 44.1546, -22.3082



27.5410, 29.8063, 6.5415



40.0430, 1.4578, -0.9147



23.9380, 40.9496, -20.9936



52.0310, 90.2037, -45.6312

Inverse Universe

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



36.3200, -5.0878, 45.3234



36.7790, -7.7790, 68.5998



72.4590, -29.8063, -6.5415



40.3100, -0.1528, 2.3591



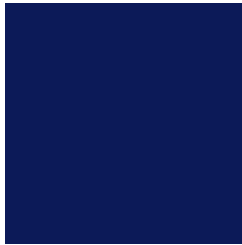
34.2730, -7.0366, 63.7816



75.1670, -15.8583, 140.1735

Previews

White Background



This preview shows how the YUV color 28.8820, 29.1452, -14.8055 looks on a white background.

Color Contrast Check

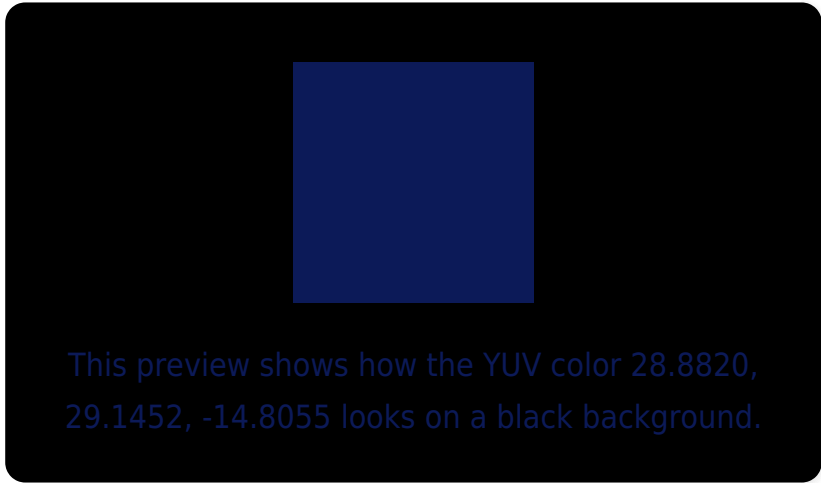
Large Text (above 18pt) WCAG AA ✓ Pass

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

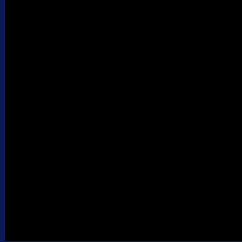
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.8820, 29.1452, -14.8055

Background



This preview shows how black text looks on a background with the YUV color 28.8820, 29.1452, -14.8055.



This preview shows how white text looks on a background with the YUV color 28.8820, 29.1452,

-14.8055.

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

28.8820, 29.1452, -14.8055

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167



Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Original Color

28.8820, 29.1452, -14.8055

Protanomaly

27.4700, 23.9253, -20.5832

Deuteranomaly

27.9600, 20.7257, -21.0129

Tritanomaly

27.6520, 14.4686, -20.7428

Monochromacy



Original Color

28.8820, 29.1452, -14.8055

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8820, 29.1452, -14.8055 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(12, 26, 88)` looks like.

```
.text, #text, p{  
  color:rgb(12, 26, 88)  
}
```

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(12, 26, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 26, 88) }
```

Border

The CSS property to change the border of an element to YUV 28.8820, 29.1452, -14.8055 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(12, 26, 88) }
```


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

```
.border{ border-color:rgb(12, 26, 88) }
```

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

Here you see how a box with a 4 pixel rgb(12, 26, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 26, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 26, 88);  
box-shadow:4px 4px 4px 4px rgb(12, 26, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.8820, 29.1452, -14.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 26, 88) }
```

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

```
.background{ background-color: rgb(12, 26,  
88) }
```

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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