

Converting Colors

YUV(47.9340, 33.5565,
-29.7601)

Have a look what the booklet for
YUV(47.9340, 33.5565, -29.7601)
contains.

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Color

**YUV(47.9340, 33.5565,
-29.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	0E3474
RGB	14, 52, 116
RGB Percent	5%, 20%, 45%
CMY	0.9451, 0.7961, 0.5451
CMYK	0.88, 0.55, 0.00, 0.55
HSL	218°, 78%, 25%
HSV	218°, 88%, 45%
XYZ	4.5615, 3.8103, 17.0180
YIQ	47.9340, -43.1920, 11.8480

Conversions

Conversions Part 2

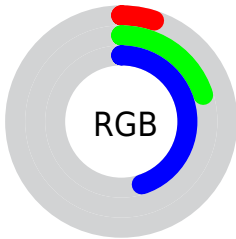
Format	Color
R_{YB}	14, 42, 116
Decimal	930932
CIE _{Lab}	23.03, 13.45, -40.43
CIE _{LCh}	23, 42.611, 288.402
Yxy	3.8103, 0.1797, 0.1501
Android (android.graphics.Color)	4279121012 (0xFF0E3474)
YUV	47.9340, 33.5565, -29.7601
Hunter-Lab	19.5200, 7.5524, -38.0266

Details

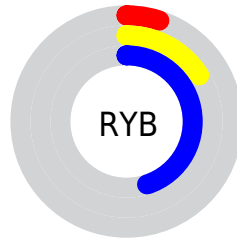
The YUV color **47.9340, 33.5565, -29.7601** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.0660, -33.5565, 29.7601**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1140, 33.9608, -19.3940**, and **11.7470, 27.2397, -10.3021** is the 20% darker color. If you saturate the color by 10%, you get **40.2370, 37.3512, -33.5338**, and if you desaturate by 10%, it is **55.6310, 29.7619, -25.9864**.

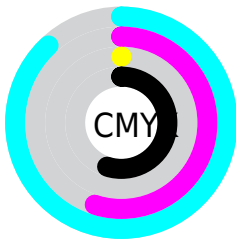
Distribution



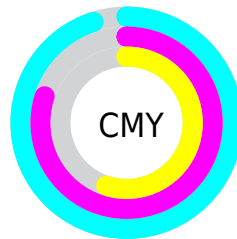
- Red (5%)
- Green (20%)
- Blue (45%)



- Red (5%)
- Yellow (16%)
- Blue (45%)



- Cyan (88%)
- Magenta (55%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (80%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9340, 33.5565, -29.7601 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 47.9340, 33.5565, -29.7601 by changing the saturation by 10% instead.

■ 47.9340, 33.5565,
-29.7601

■ 47.9340, 33.5565,
-29.7601

■ 255.0000, 0.0000,
0.0000

■ 28.5710, 30.7775,
-25.0568

■ 100.1140, 33.9608,
-19.3940

■ 11.7470, 27.2397,
-10.3021

■ 125.9400, 34.5396,
-18.3644

■ 6.7770, 18.3509,
-5.9434

■ 152.1790, 35.4078,
-16.8200

■ 3.0950, 9.3202,
-2.7143

■ 179.7060, 36.1339,
-16.4052

■ 0.0000, 0.0000,
0.0000

■ 204.1550, 25.0666,
-13.2909

■ 229.2620, 12.6888,

-9.8768

252.6080, 1.1793,
-4.9182

47.9340, 33.5565,
-29.7601

47.9340, 33.5565,
-29.7601

40.2370, 37.3512,
-33.5338

55.6310, 29.7619,
-25.9864

38.4650, 38.2248,
-33.7338

63.6160, 25.8253,
-23.3422

71.3130, 22.0307,
-19.5685

78.7110, 18.3835,
-16.4095

86.4080, 14.5889,
-12.6358

■ 94.6920, 10.5048,
-9.3769

■ 102.0900, 6.8576,
-6.2179

■ 109.7870, 3.0630,
-2.4442

■ 117.7720, -0.8736,
0.2000

Harmonies

Analogous

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



49.8460, 33.5999, -43.7149



47.9340, 33.5565, -29.7601



56.2240, 20.5956, 20.8516

Triad

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



47.9340, 33.5565, -29.7601



50.0150, -22.6854, 42.9598



44.5900, -1.7699, -39.1054

Complementary

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



47.9340, 33.5565, -29.7601



82.0660, -33.5565, 29.7601

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.



38.8390, -16.1896, -34.0618



47.9340, 33.5565, -29.7601



52.3840, -25.8253, 23.3422

Square

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



47.9340, 33.5565, -29.7601



47.0870, -4.9729, 55.1747



49.8820, -24.5918, 0.9805



48.9390, 12.3551, -42.9195

Rectangle

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



47.9340, 33.5565, -29.7601



52.1080, 13.2578, 41.1243



49.8820, -24.5918, 0.9805



42.7490, -6.2853, -37.4909

Sweetspot

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



47.9340, 33.5565, -29.7601



124.2510, 12.6943, -11.6211



81.0560, -1.9996, -58.8081



61.0190, 7.8786, -7.0327



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



47.9340, 33.5565, -29.7601



49.9720, 49.3138, -43.8254



29.2160, 42.7845, -2.8204



54.8580, 2.0420, -1.6295



40.9100, 39.9774, -35.8781



83.0910, 82.2861, -72.8708

Inverse Universe

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



48.8300, 1.5628, 58.9081



51.2340, 2.3496, 86.6178



100.7840, -42.7845, 2.8204



55.0220, -0.0108, 3.4887



41.7220, 2.1091, 70.4038



85.3520, 3.7705, 144.3963

Previews

White Background



This preview shows how the YUV color 47.9340, 33.5565, -29.7601 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 47.9340, 33.5565, -29.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

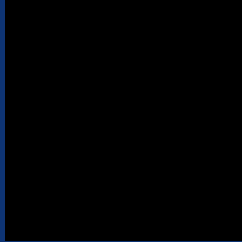
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9340, 33.5565, -29.7601

Background



This preview shows how black text looks on a background with the YUV color 47.9340, 33.5565, -29.7601.



This preview shows how white text looks on a background with the YUV color 47.9340, 33.5565, -29.7601.

-29.7601.

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

47.9340, 33.5565, -29.7601

Protanopia

43.9930, 34.0205, -38.5819

Deuteranopia

44.5170, 25.8741, -39.0414



Tritanopia

43.2170, 10.7390, -37.9013

Trichromacy



Original Color

47.9340, 33.5565, -29.7601

Protanomaly

45.6020, 33.7202, -35.6080

Deuteranomaly

45.6360, 28.7735, -35.6378

Tritanomaly

45.1170, 19.1693, -35.1826

Monochromacy



Original Color

47.9340, 33.5565, -29.7601

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8490, 12.3994, -10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9340, 33.5565, -29.7601 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, 52, 116)` looks like.

```
.text, #text, p{  
    color:rgb(14, 52, 116)  
}
```

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, 52, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 52, 116) }
```

Border

The CSS property to change the border of an element to YUV 47.9340, 33.5565, -29.7601 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, 52, 116) }
```


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

```
.border{ border-color:rgb(14, 52, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 52, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 52, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 52, 116);  
box-shadow:4px 4px 4px 4px rgb(14, 52,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 47.9340, 33.5565, -29.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 52, 116) }
```

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

```
.background{ background-color: rgb(14, 52,  
116) }
```

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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