

Converting Colors

YUV(47.8930, 5.4758, -29.7242)

Have a look what the booklet for
YUV(47.8930, 5.4758, -29.7242)
contains.

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Color

**YUV(47.8930, 5.4758,
-29.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	0E3F3B
RGB	14, 63, 59
RGB Percent	5%, 25%, 23%
CMY	0.9451, 0.7529, 0.7686
CMYK	0.78, 0.00, 0.06, 0.75
HSL	175°, 64%, 15%
HSV	175°, 78%, 25%
XYZ	2.7480, 3.9641, 4.7580
YIQ	47.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

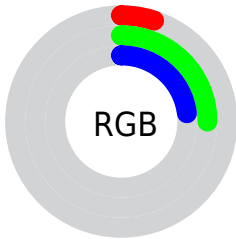
Format	Color
R_{YB}	14, 40, 63
Decimal	933691
CIE _{Lab}	23.55, -17.02, -2.25
CIE _{LCh}	24, 17.172, 187.533
Yxy	3.9641, 0.2396, 0.3456
Android (android.graphics.Color)	4279123771 (0xFF0E3F3B)
YUV	47.8930, 5.4758, -29.7242
Hunter-Lab	19.9102, -10.2060, -0.2316

Details

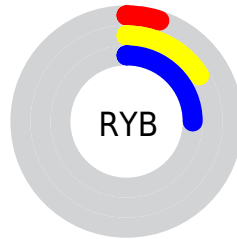
The YUV color **47.8930, 5.4758, -29.7242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.1070, -5.4758, 29.7242**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6760, 4.5967, -27.7799**, and **14.1510, 0.9116, -12.4104** is the 20% darker color. If you saturate the color by 10%, you get **45.9850, 5.9234, -33.3128**, and if you desaturate by 10%, it is **49.8010, 5.0281, -26.1355**.

Distribution



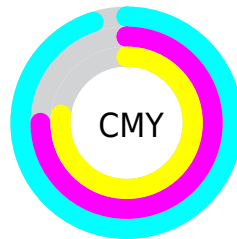
- Red (5%)
- Green (25%)
- Blue (23%)



- Red (5%)
- Yellow (16%)
- Blue (25%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8930, 5.4758, -29.7242 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 47.8930, 5.4758, -29.7242 by changing the saturation by 10% instead.

■ 47.8930, 5.4758,
-29.7242

■ 47.8930, 5.4758,
-29.7242

■ 254.7010, 0.1474,
-0.6148

■ 28.2850, 4.2965,
-24.8059

■ 96.6760, 4.5967,
-27.7799

■ 14.1510, 0.9116,
-12.4104

■ 121.6760, 4.5967,
-27.7799

■ 0.0000, 0.0000,
0.0000

■ 147.9640, 4.4547,
-28.9094

■ 174.9640, 4.4547,
-28.9094

■ 202.6650, 4.6022,
-29.5242

■ 230.6650, 4.6022,

-29.5242

■ 246.0300, 4.4222,
-18.4433

■ 47.8930, 5.4758,
-29.7242

■ 47.8930, 5.4758,
-29.7242

■ 45.9850, 5.9234,
-33.3128

■ 49.8010, 5.0281,
-26.1355

■ 43.8920, 6.9552,
-37.6163

■ 51.8940, 3.9963,
-21.8320

■ 43.5930, 7.1027,
-38.2311

■ 53.8020, 3.5486,
-18.2434

■ 55.5960, 2.6642,
-14.5547

■ 57.5040, 2.2165,
-10.9660

■ 59.5970, 1.1847,
-6.6626

■ 61.5050, 0.7370,
-3.0739

■ 63.2990, -0.1474,
0.6148

■ 65.5060, -0.7425,
4.8182

Harmonies

Analogous

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



51.2060, -2.5666, -16.8437



47.8930, 5.4758, -29.7242



45.6840, 12.4808, -36.5569

Triad

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



47.8930, 5.4758, -29.7242



57.7260, 9.0091, 3.7483



56.1130, -11.3947, 14.8099

Complementary

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



47.8930, 5.4758, -29.7242



29.1070, -5.4758, 29.7242

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.



56.7700, -7.7746, 20.3727



47.8930, 5.4758, -29.7242



58.1250, 3.8824, 14.7994

Square

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



47.8930, 5.4758, -29.7242



54.9630, 12.8362, -10.4916



57.2630, -2.1017, 20.8173



54.5310, -12.0938, 5.6733

Rectangle

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



47.8930, 5.4758, -29.7242



48.4720, 14.0643, -31.1089



57.2630, -2.1017, 20.8173



56.0640, -10.3846, 17.4839

Sweetspot

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



47.8930, 5.4758, -29.7242



76.0910, 1.9271, -11.4808



43.9590, -14.7698, -22.7660



37.2980, 1.3321, -7.2773



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



47.8930, 5.4758, -29.7242



58.4780, 8.1453, -46.0232



36.6090, 13.0108, -19.8281



29.9890, 0.0054, -1.7444



65.0960, 10.7987, -57.0892



153.5700, 24.8620, -134.6809

Inverse Universe

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



29.1070, -5.4758, 29.7242



29.4080, -8.5821, 46.1232



40.3910, -13.0108, 19.8281



28.8970, -0.4422, 1.8443



29.0180, -10.3619, 56.9892



68.4300, -24.8620, 134.6809

Previews

White Background



This preview shows how the YUV color 47.8930, 5.4758, -29.7242 looks on a white background.

Color Contrast Check

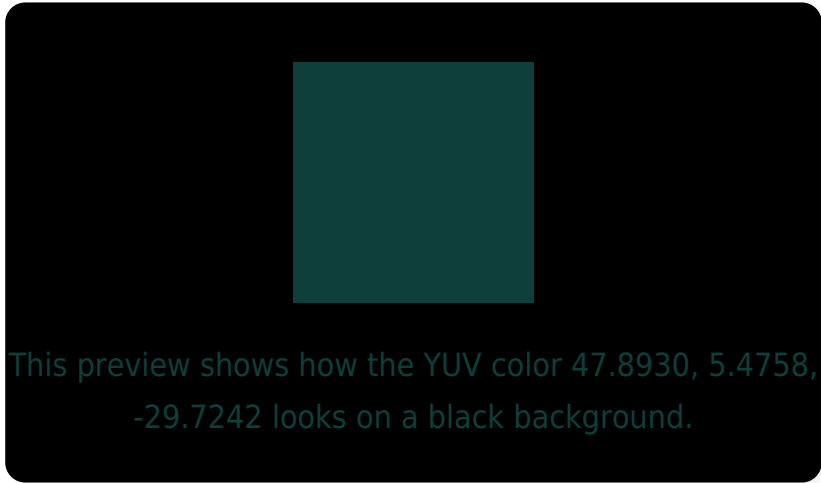
Large Text (above 18pt) WCAG AA ✓ Pass

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

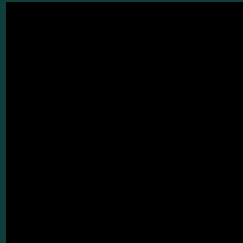
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8930, 5.4758, -29.7242

Background



This preview shows how black text looks on a background with the YUV color 47.8930, 5.4758, -29.7242.



This preview shows how white text looks on a background with the YUV color 47.8930, 5.4758, -29.7242.

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

47.8930, 5.4758, -29.7242

Protanopia

56.1850, -0.5842, 0.7148

Deuteranopia

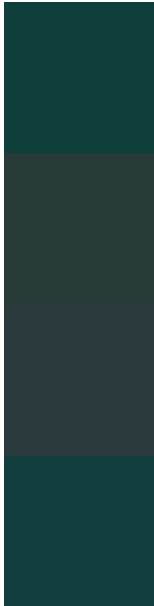
56.8800, 2.0312, 1.8592



Tritanopia

50.0120, 8.3751, -26.3205

Trichromacy



Original Color

47.8930, 5.4758, -29.7242

Protanomaly

53.2760, 1.3429, -10.7661

Deuteranomaly

53.7430, 3.0847, -9.4216

Tritanomaly

49.0720, 7.3595, -27.2501

Monochromacy



Original Color

47.8930, 5.4758, -29.7242

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8930, 5.4758, -29.7242 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, 63, 59)` looks like.

```
.text, #text, p{  
    color:rgb(14, 63, 59)  
}
```

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, 63, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 63, 59) }
```

Border

The CSS property to change the border of an element to YUV 47.8930, 5.4758, -29.7242 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, 63, 59) }
```


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

```
.border{ border-color:rgb(14, 63, 59) }
```

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

Here you see how a box with a 4 pixel rgb(14, 63, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 63, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 63, 59);  
box-shadow:4px 4px 4px 4px rgb(14, 63, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8930, 5.4758, -29.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 63, 59) }
```

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

```
.background{ background-color: rgb(14, 63,  
59) }
```

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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