

Converting Colors

YUV(47.7250, 3.5866, -30.4538)

Have a look what the booklet for
YUV(47.7250, 3.5866, -30.4538)
contains.

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Color

**YUV(47.7250, 3.5866,
-30.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4037
RGB	13, 64, 55
RGB Percent	5%, 25%, 22%
CMY	0.9490, 0.7490, 0.7843
CMYK	0.80, 0.00, 0.14, 0.75
HSL	169°, 66%, 15%
HSV	169°, 80%, 25%
XYZ	2.6890, 4.0282, 4.2502
YIQ	47.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

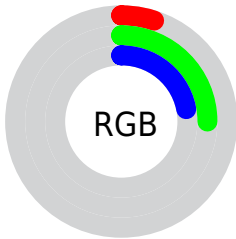
Format	Color
R_{YB}	13, 41, 64
Decimal	868407
CIE _{Lab}	23.76, -19.04, 0.71
CIE _{LCh}	24, 19.058, 177.850
Yxy	4.0282, 0.2452, 0.3673
Android (android.graphics.Color)	4279058487 (0xFF0D4037)
YUV	47.7250, 3.5866, -30.4538
Hunter-Lab	20.0704, -11.2083, 1.4936

Details

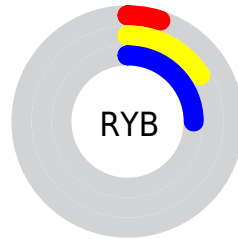
The YUV color **47.7250, 3.5866, -30.4538** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.2750, -3.5866, 30.4538**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5080, 2.7076, -28.5095**, and **14.1680, -1.5618, -12.4253** is the 20% darker color. If you saturate the color by 10%, you get **45.8170, 4.0342, -34.0425**, and if you desaturate by 10%, it is **49.6330, 3.1389, -26.8651**.

Distribution



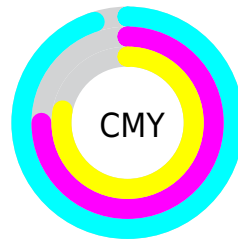
- Red (5%)
- Green (25%)
- Blue (22%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7250, 3.5866, -30.4538 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 47.7250, 3.5866, -30.4538 by changing the saturation by 10% instead.

47.7250, 3.5866,
-30.4538

47.7250, 3.5866,
-30.4538

254.4020, 0.2948,
-1.2296

28.5300, 2.6967,
-25.0208

96.5080, 2.7076,
-28.5095

14.1680, -1.5618,
-12.4253

122.0950, 2.4182,
-29.0243

0.0000, 0.0000,
0.0000

148.0950, 2.4182,
-29.0243

174.6820, 2.1288,
-29.5391

202.3830, 2.2762,
-30.1539

230.9700, 1.9868,

-30.6687

■ 245.7310, 4.5696,
-19.0581

■ 47.7250, 3.5866,
-30.4538

■ 47.7250, 3.5866,
-30.4538

■ 45.8170, 4.0342,
-34.0425

■ 49.6330, 3.1389,
-26.8651

■ 43.6100, 4.6293,
-38.2460

■ 51.8400, 2.5439,
-22.6617

■ 53.7480, 2.0962,
-19.0730

■ 56.0690, 1.9380,
-14.9695

■ 57.9770, 1.4903,
-11.3808

■ 59.8850, 1.0427,
-7.7921

■ 62.0920, 0.4476,
-3.5887

■ 64.0000, 0.0000,
0.0000

■ 66.2070, -0.5951,
4.2035

Harmonies

Analogous

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



52.1200, -5.4822, -15.0142



47.7250, 3.5866, -30.4538



45.4340, 11.6180, -39.8456

Triad

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



47.7250, 3.5866, -30.4538



57.2030, 12.2249, -1.0550



56.4340, -11.5530, 18.9134

Complementary

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



47.7250, 3.5866, -30.4538



29.2750, -3.5866, 30.4538

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.



57.1340, -6.4751, 23.5615



47.7250, 3.5866, -30.4538



58.2110, 6.7980, 12.9700

Square

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



47.7250, 3.5866, -30.4538



53.6030, 15.4787, -18.0688



57.8440, 0.0769, 22.0618



55.5100, -13.5624, 10.0767

Rectangle

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



47.7250, 3.5866, -30.4538



45.7590, 15.4018, -40.1306



57.8440, 0.0769, 22.0618



56.7870, -10.2480, 20.3578

Sweetspot

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



47.7250, 3.5866, -30.4538



77.6780, 1.6377, -11.9956



45.6280, -16.0856, -20.7218



39.1840, 0.8953, -7.1774



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.7250, 3.5866, -30.4538



58.1850, 5.8248, -48.3972



39.3590, 12.1480, -23.1168



32.1030, 0.4422, -1.8443



66.0590, 6.8729, -57.9337



152.5780, 15.9840, -133.8109

Inverse Universe

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



29.2750, -3.5866, 30.4538



28.9290, -5.3880, 48.2973



37.6410, -12.1480, 23.1168



30.8970, -0.4422, 1.8443



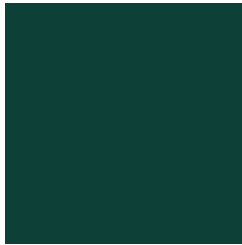
30.9410, -6.8729, 57.9337



71.5360, -15.5472, 133.7109

Previews

White Background



This preview shows how the YUV color 47.7250, 3.5866, -30.4538 looks on a white background.

Color Contrast Check

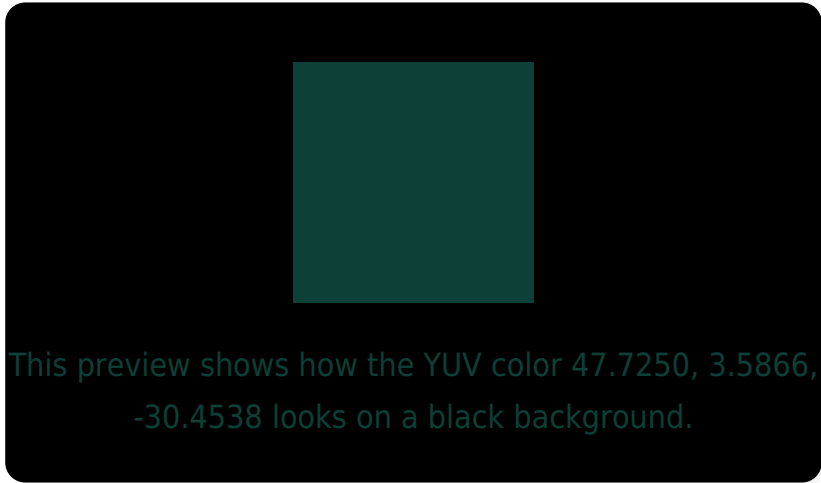
Large Text (above 18pt) WCAG AA ✓ Pass

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

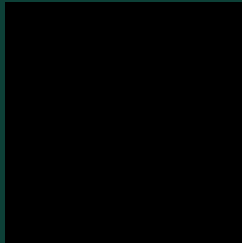
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7250, 3.5866, -30.4538

Background



This preview shows how black text looks on a background with the YUV color 47.7250, 3.5866, -30.4538.



This preview shows how white text looks on a background with the YUV color 47.7250, 3.5866, -30.4538.

-30.4538.

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

47.7250, 3.5866, -30.4538

Protanopia

56.3270, -2.6262, 2.3442

Deuteranopia

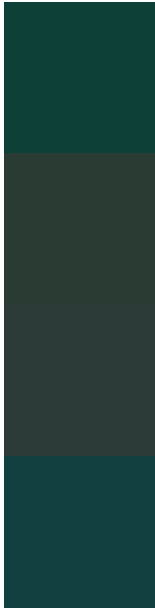
57.3210, -0.1583, 4.1035



Tritanopia

50.3110, 8.2277, -25.7057

Trichromacy



Original Color

47.7250, 3.5866, -30.4538

Protanomaly

53.1190, -0.5517, -9.7514

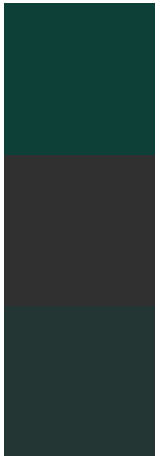
Deuteranomaly

53.5860, 1.1901, -8.4069

Tritanomaly

49.5450, 6.6333, -27.6650

Monochromacy



Original Color

47.7250, 3.5866, -30.4538

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9770, 1.4903, -11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7250, 3.5866, -30.4538 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(13, 64, 55)` looks like.

```
.text, #text, p{  
    color:rgb(13, 64, 55)  
}
```

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(13, 64, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 64, 55) }
```

Border

The CSS property to change the border of an element to YUV 47.7250, 3.5866, -30.4538 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(13, 64, 55) }
```


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

```
.border{ border-color:rgb(13, 64, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 64, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 64, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 64, 55);  
box-shadow:4px 4px 4px 4px rgb(13, 64, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7250, 3.5866, -30.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 64, 55) }
```

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

```
.background{ background-color: rgb(13, 64,  
55) }
```

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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