

Converting Colors

YUV(48.6050, 12.5197, -2.2846)

Have a look what the booklet for
YUV(48.6050, 12.5197, -2.2846)
contains.

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Color

**YUV(48.6050, 12.5197,
-2.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2D4A
RGB	46, 45, 74
RGB Percent	18%, 18%, 29%
CMY	0.8196, 0.8235, 0.7098
CMYK	0.38, 0.39, 0.00, 0.71
HSL	242°, 24%, 23%
HSV	242°, 39%, 29%
XYZ	3.3011, 2.9520, 6.8744
YIQ	48.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

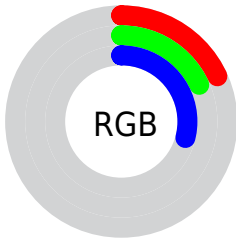
Format	Color
R_{YB}	46, 45, 74
Decimal	3026250
CIE Lab	19.85, 8.61, -17.83
CIE LCh	20, 19.795, 295.767
Yxy	2.9520, 0.2515, 0.2249
Android (android.graphics.Color)	4281216330 (0xFF2E2D4A)
YUV	48.6050, 12.5197, -2.2846
Hunter-Lab	17.1815, 4.2282, -11.6952

Details

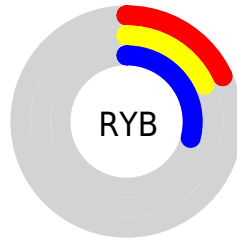
The YUV color **48.6050, 12.5197, -2.2846** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70.3950, -12.5197, 2.2846**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2460, 13.6827, -1.9697**, and **3.5340, 13.5407, -3.0993** is the 20% darker color. If you saturate the color by 10%, you get **42.4030, 15.5773, -2.9844**, and if you desaturate by 10%, it is **54.8070, 9.4621, -1.5847**.

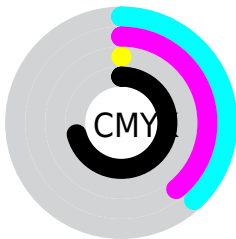
Distribution



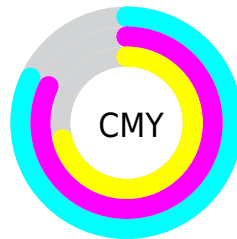
- Red (18%)
- Green (18%)
- Blue (29%)



- Red (18%)
- Yellow (18%)
- Blue (29%)



- Cyan (38%)
- Magenta (39%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (82%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6050, 12.5197, -2.2846 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 48.6050, 12.5197, -2.2846 by changing the saturation by 10% instead.

■ 48.6050, 12.5197,
-2.2846

■ 48.6050, 12.5197,
-2.2846

■ 255.0000, 0.0000,
0.0000

■ 27.0780, 11.7935,
-2.6994

■ 95.2460, 13.6827,
-1.9697

■ 3.5340, 13.5407,
-3.0993

■ 119.7730, 14.4089,
-1.5549

■ 0.1140, 0.4368,
-0.1000

■ 145.7730, 14.4089,
-1.5549

■ 0.0000, 0.0000,
0.0000

■ 172.3000, 15.1351,
-1.1401

■ 199.4140, 15.5719,
-1.2401

■ 226.9580, 13.8247,

-0.8402

252.6520, 1.1576,
2.0592

48.6050, 12.5197,
-2.2846

48.6050, 12.5197,
-2.2846

42.4030, 15.5773,
-2.9844

54.8070, 9.4621,
-1.5847

35.6140, 18.9243,
-3.1695

61.5960, 6.1152,
-1.3997

29.4120, 21.9819,
-3.8693

67.7980, 3.0576,
-0.6998

22.3240, 25.4763,
-4.6691

74.8860, -0.4368,
0.1000

16.1220, 28.5339,
-5.3690

81.0880, -3.4944,
0.7998

■ 9.9200, 31.5914,
-6.0688

■ 87.2900, -6.5520,
1.4997

■ 9.3330, 31.8808,
-5.5540

■ 94.0790, -9.8989,
1.6847

■ 100.2810,
-12.9565, 2.3846

■ 107.0700,
-16.3035, 2.5696

Harmonies

Analogous

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



43.5100, 16.5106, -22.3723



48.6050, 12.5197, -2.2846



49.9120, 6.9454, 12.3552

Triad

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



48.6050, 12.5197, -2.2846



47.4340, -11.5530, 18.9134



37.4150, 3.7394, -32.8130

Complementary

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



48.6050, 12.5197, -2.2846



70.3950, -12.5197, 2.2846

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.



43.3050, -6.0664, -14.2995



48.6050, 12.5197, -2.2846



46.8090, -13.7098, 10.6915

Square

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



48.6050, 12.5197, -2.2846



48.2480, -6.0383, 23.4615



45.4870, -12.0721, -1.3041



39.1250, 10.2914, -34.3126

Rectangle

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



48.6050, 12.5197, -2.2846



49.2180, 2.8505, 19.1028



45.4870, -12.0721, -1.3041



39.8350, 0.0813, -26.1653

Sweetspot

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



48.6050, 12.5197, -2.2846



86.6670, 5.0942, -0.5850



64.7420, 4.5642, -17.3137



42.6840, 2.6208, -0.5999



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



48.6050, 12.5197, -2.2846



56.8420, 19.7979, -3.3694



52.7910, 10.4560, 6.3223



34.7550, 1.5998, 0.2149



12.8240, 43.9638, -7.7386



28.6120, 99.2843, -18.0767

Inverse Universe

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



56.8630, 7.9555, 15.0291



69.7700, 12.4384, 23.8807



66.2090, -10.4560, -6.3223



35.6520, 1.1576, 2.0592



41.6700, 27.7707, 52.9094



94.0780, 63.0655, 119.2036

Previews

White Background



This preview shows how the YUV color 48.6050, 12.5197, -2.2846 looks on a white background.

Color Contrast Check

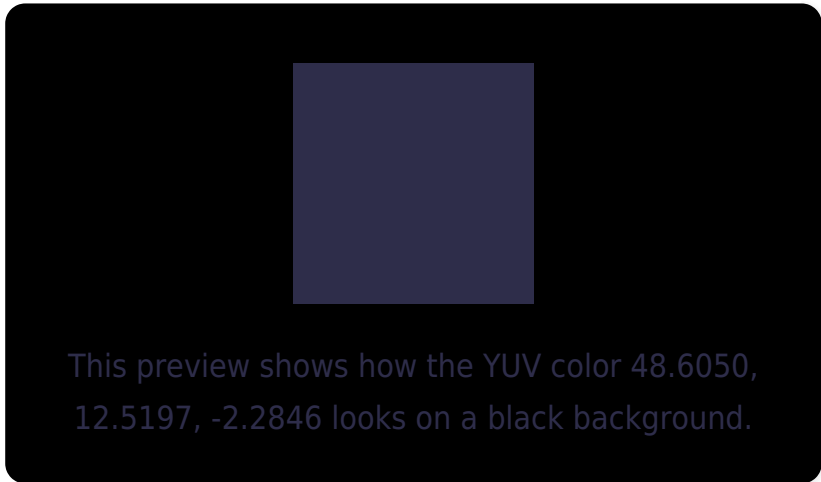
Large Text (above 18pt) WCAG AA ✓ Pass

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

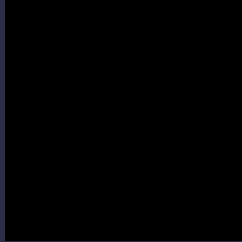
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6050, 12.5197, -2.2846

Background



This preview shows how black text looks on a background with the YUV color 48.6050, 12.5197, -2.2846.



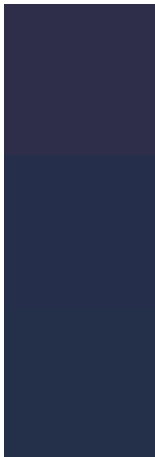
This preview shows how white text looks on a background with the YUV color 48.6050, 12.5197,

-2.2846.

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

48.6050, 12.5197, -2.2846

Protanopia

47.3160, 14.1412, -9.0471

Deuteranopia

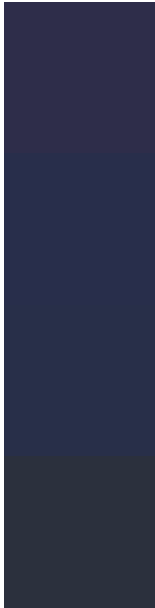
47.2620, 12.6888, -9.8768



Tritanopia

47.0640, 2.9264, -5.3181

Trichromacy



Original Color

48.6050, 12.5197, -2.2846

Protanomaly

47.5120, 13.5516, -6.5880

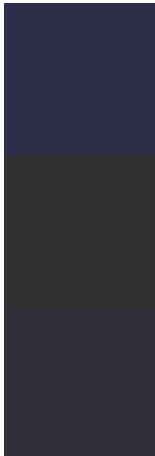
Deuteranomaly

47.8710, 12.3886, -6.9029

Tritanomaly

47.9870, 6.4154, -4.3736

Monochromacy



Original Color

48.6050, 12.5197, -2.2846

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6050, 12.5197, -2.2846 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(46, 45, 74)` looks like.

```
.text, #text, p{  
    color:rgb(46, 45, 74)  
}
```

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(46, 45, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 45, 74) }
```

Border

The CSS property to change the border of an element to YUV 48.6050, 12.5197, -2.2846 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(46, 45, 74) }
```


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

```
.border{ border-color:rgb(46, 45, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 45, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 45, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 45, 74);  
box-shadow:4px 4px 4px 4px rgb(46, 45, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.6050, 12.5197, -2.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 45, 74) }
```

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

```
.background{ background-color: rgb(46, 45,  
74) }
```

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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