

Converting Colors

YUV(42.8530, 29.6525,
-37.5821)

Have a look what the booklet for
YUV(42.8530, 29.6525, -37.5821)
contains.

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Color

**YUV(42.8530, 29.6525,
-37.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	003567
RGB	0, 53, 103
RGB Percent	0%, 21%, 40%
CMY	1.0000, 0.7922, 0.5961
CMYK	1.00, 0.49, 0.00, 0.60
HSL	209°, 100%, 20%
HSV	209°, 100%, 40%
XYZ	3.7213, 3.5255, 13.3163
YIQ	42.8530, -47.6380, 4.3140

Conversions

Conversions Part 2

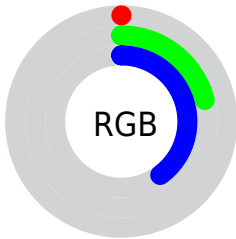
Format	Color
RYB	0, 35, 103
Decimal	13671
CIELab	22.04, 5.83, -33.69
CIELCh	22, 34.196, 279.819
Yxy	3.5255, 0.1810, 0.1714
Android (android.graphics.Color)	4278203751 (0xFF003567)
YUV	42.8530, 29.6525, -37.5821
Hunter-Lab	18.7763, 2.5186, -28.9057

Details

The YUV color **42.8530, 29.6525, -37.5821** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **60.1470, -29.6525, 37.5821**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1150, 29.0303, -24.6569**, and **10.9660, 21.7088, -9.6172** is the 20% darker color. If you saturate the color by 10%, you get **42.8530, 29.6525, -37.5821**, and if you desaturate by 10%, it is **48.7780, 26.7314, -34.0083**.

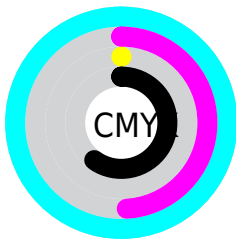
Distribution



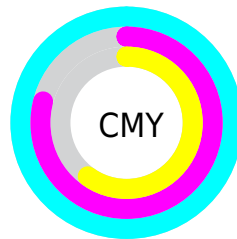
- Red (0%)
- Green (21%)
- Blue (40%)



- Red (0%)
- Yellow (14%)
- Blue (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (79%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.8530, 29.6525, -37.5821 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 42.8530, 29.6525, -37.5821 by changing the saturation by 10% instead.

■ 42.8530, 29.6525,
-37.5821

■ 42.8530, 29.6525,
-37.5821

■ 255.0000, 0.0000,
0.0000

■ 27.7900, 25.2465,
-24.3718

■ 96.1150, 29.0303,
-24.6569

■ 10.9660, 21.7088,
-9.6172

■ 121.9410, 29.6091,
-23.6273

■ 4.9360, 13.8356,
-4.3289

■ 148.3540, 29.8985,
-23.1125

■ 0.7980, 3.0576,
-0.6998

■ 175.2940, 30.9141,
-22.1828

■ 0.0000, 0.0000,
0.0000

■ 201.4530, 26.3987,
-20.5683

■ 226.8480, 13.8789,

-18.2837

■ 249.0200, 2.9481,
-12.2955

■ 42.8530, 29.6525,
-37.5821

■ 48.7780, 26.7314,
-34.0083

■ 55.0020, 23.6630,
-29.8198

■ 60.9270, 20.7420,
-26.2460

■ 66.8520, 17.8210,
-22.6722

■ 73.0760, 14.7525,
-18.4837

■ 79.0010, 11.8315,
-14.9099

■ 84.9260, 8.9105,
-11.3361

■ 90.8510, 5.9895,
-7.7623

■ 97.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



46.6200, 26.3163, -40.8857



42.8530, 29.6525, -37.5821



54.2780, 18.5969, 8.5262

Triad

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



42.8530, 29.6525, -37.5821



50.1590, -14.3754, 37.5716



40.8570, -3.3805, -35.8316

Complementary

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



42.8530, 29.6525, -37.5821



60.1470, -29.6525, 37.5821

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.



44.9170, -17.7071, -13.9592



42.8530, 29.6525, -37.5821



50.0360, -24.6677, 25.4014

Square

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



42.8530, 29.6525, -37.5821



49.6940, -2.3141, 42.3644



49.0400, -24.1767, 7.8579



44.5220, 8.1237, -39.0458

Rectangle

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



42.8530, 29.6525, -37.5821



53.7810, 12.4330, 25.6251



49.0400, -24.1767, 7.8579



39.3580, -6.5855, -34.5170

Sweetspot

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



42.8530, 29.6525, -37.5821



111.3000, 11.6841, -14.2951



66.1610, -7.9674, -58.0232



54.4810, 7.1579, -9.1918



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



42.8530, 29.6525, -37.5821



56.4800, 38.7104, -49.5330



12.9160, 44.4114, -11.3273



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



100.9630, 69.5312, -88.5446

Inverse Universe

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



36.8390, 7.9674, 58.0232



48.3450, 10.6759, 75.9964



90.0840, -44.4114, 11.3273



47.8370, 0.5734, 2.7740



41.1110, 8.8193, 64.8007



86.6080, 18.9273, 136.2788

Previews

White Background



This preview shows how the YUV color 42.8530, 29.6525, -37.5821 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 42.8530, 29.6525, -37.5821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

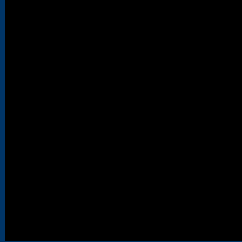
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8530, 29.6525, -37.5821

Background



This preview shows how black text looks on a background with the YUV color 42.8530, 29.6525, -37.5821.



This preview shows how white text looks on a background with the YUV color 42.8530, 29.6525,

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



Protanopia

49.9260, 25.6725, -20.9831

Deuteranopia

43.1150, 25.5793, -37.8119

Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Protanomaly

47.2350, 26.9991, -26.5161

Deuteranomaly

42.8700, 27.1791, -37.5970

Tritanomaly

42.3510, 17.5750, -37.1418

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0720, 10.8105, -14.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8530, 29.6525, -37.5821 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(0, 53, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 103)  
}
```

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(0, 53, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 103) }
```

Border

The CSS property to change the border of an element to YUV 42.8530, 29.6525, -37.5821 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(0, 53, 103) }
```

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

```
.border{ border-color:rgb(0, 53, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 53, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 53, 103)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.8530, 29.6525, -37.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 103) }
```

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

```
.background{ background-color: rgb(0, 53,  
103) }
```

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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