

# Converting Colors

YUV(52.7130, 25.2845,  
-36.5823)

Have a look what the booklet for  
YUV(52.7130, 25.2845, -36.5823)  
contains.

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# Color

**YUV(52.7130, 25.2845,  
-36.5823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B4068
RGB	11, 64, 104
RGB Percent	4%, 25%, 41%
CMY	0.9569, 0.7490, 0.5922
CMYK	0.89, 0.38, 0.00, 0.59
HSL	206°, 81%, 23%
HSV	206°, 89%, 41%
XYZ	4.4701, 4.7374, 13.7755
YIQ	52.7130, -44.4280, 1.2040

# Conversions

## Conversions Part 2

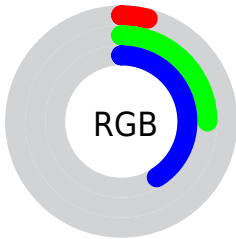
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 45, 104
Decimal	737384
CIE <sub>Lab</sub>	25.97, -0.44, -28.04
CIE <sub>LCh</sub>	26, 28.039, 269.104
Yxy	4.7374, 0.1945, 0.2061
Android (android.graphics.Color)	4278927464 (0xFF0B4068)
<b>YUV</b>	52.7130, 25.2845, -36.5823
Hunter-Lab	21.7656, -1.4305, -22.2889

# Details

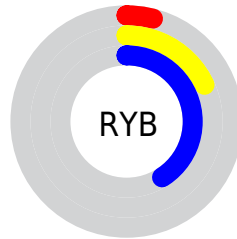
The YUV color **52.7130, 25.2845, -36.5823** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62.2870, -25.2845, 36.5823**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.6540, 24.8206, -27.7606**, and **19.2980, 18.0941, -16.9243** is the 20% darker color. If you saturate the color by 10%, you get **47.3750, 27.9161, -40.6709**, and if you desaturate by 10%, it is **58.0510, 22.6529, -32.4937**.

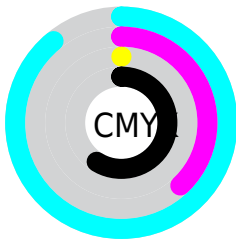
# Distribution



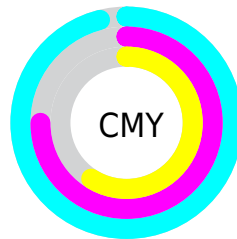
- Red (4%)
- Green (25%)
- Blue (41%)



- Red (4%)
- Yellow (18%)
- Blue (41%)



- Cyan (89%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (96%)
- Magenta (75%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.7130, 25.2845, -36.5823 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 52.7130, 25.2845, -36.5823 by changing the saturation by 10% instead.



■ 52.7130, 25.2845,  
-36.5823

■ 52.7130, 25.2845,  
-36.5823

■ 255.0000, 0.0000,  
0.0000

■ 33.7740, 22.7894,  
-29.6198

■ 104.6540, 24.8206,  
-27.7606

■ 19.2980, 18.0941,  
-16.9243

■ 131.0670, 25.1100,  
-27.2458

■ 5.1640, 14.7091,  
-4.5288

■ 157.5940, 25.8362,  
-26.8309

■ 1.0260, 3.9312,  
-0.8998

■ 184.8220, 26.7098,  
-27.0309

■ 0.0000, 0.0000,  
0.0000

■ 211.4540, 21.4682,  
-25.8312

■ 236.2620, 9.2378,

-23.0318

250.2160, 2.3585,  
-9.8364

52.7130, 25.2845,  
-36.5823

52.7130, 25.2845,  
-36.5823

47.3750, 27.9161,  
-40.6709

58.0510, 22.6529,  
-32.4937

46.4890, 28.3529,  
-40.7709

64.2750, 19.5844,  
-28.3052

69.6130, 16.9528,  
-24.2166

75.8370, 13.8844,  
-20.0280

81.1750, 11.2527,  
-15.9395

■ 87.1000, 8.3317,  
-12.3657

■ 92.7370, 5.5527,  
-7.6623

■ 98.6620, 2.6316,  
-4.0886

■ 104.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



51.6750, 22.8382, -45.3190



52.7130, 25.2845, -36.5823



62.3970, 18.0453, -1.2252

# Triad

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



52.7130, 25.2845, -36.5823



61.1030, -9.4178, 34.1127



52.7120, -6.7600, -25.1804

# Complementary

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



52.7130, 25.2845, -36.5823



62.2870, -25.2845, 36.5823

# 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.



57.0970, -17.3028, -3.5931



52.7130, 25.2845, -36.5823



60.2840, -17.3950, 26.0609

# Square

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



52.7130, 25.2845, -36.5823



62.0240, 0.4812, 32.4280



59.2840, -20.8460, 12.9059



49.1040, 5.3717, -43.0642



# Rectangle

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



52.7130, 25.2845, -36.5823



63.5300, 13.0497, 14.4442



59.2840, -20.8460, 12.9059



54.6160, -11.1497, -17.2032

# Sweetspot

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



52.7130, 25.2845, -36.5823



114.8440, 9.9369, -13.8952



70.0370, -9.8782, -51.7754



56.5520, 6.1369, -8.3771



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.



52.7130, 25.2845, -36.5823



60.5890, 36.6846, -53.1366



26.2980, 38.3071, -13.4163



48.3310, 1.3158, -2.0443



51.2650, 31.4214, -44.9594



108.5940, 65.7692, -95.2369



# Inverse Universe

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



44.8490, 9.4414, 51.8754



49.1430, 13.7335, 75.2966



88.7020, -38.3071, 13.4163



47.8370, 0.5734, 2.7740



41.7950, 11.4401, 64.2008



88.0900, 24.6056, 134.9791



# Previews

## White Background



This preview shows how the YUV color 52.7130, 25.2845, -36.5823 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 52.7130, 25.2845, -36.5823 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 52.7130, 25.2845, -36.5823

## Background



This preview shows how black text looks on a background with the YUV color 52.7130, 25.2845, -36.5823.



This preview shows how white text looks on a background with the YUV color 52.7130, 25.2845,



# 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

52.7130, 25.2845, -36.5823

### Protanopia

60.4880, 19.9724, -12.7060

### Deuteranopia

57.5190, 22.9151, -23.2572



## Tritanopia

48.8250, 11.9183, -42.8195

# Trichromacy



## Original Color

52.7130, 25.2845, -36.5823

## Protanomaly

57.3020, 22.0361, -21.3129

## Deuteranomaly

56.0130, 23.6576, -28.0754

## Tritanomaly

50.1010, 16.7122, -40.4306

# Monochromacy



## Original Color

52.7130, 25.2845, -36.5823

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

53.0290, 9.3527, -13.1804

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.7130, 25.2845, -36.5823 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(11, 64, 104)` looks like.

```
.text, #text, p{  
    color:rgb(11, 64, 104)  
}
```

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(11, 64, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 64, 104) }
```

## Border

The CSS property to change the border of an element to YUV 52.7130, 25.2845, -36.5823 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(11, 64, 104) }
```



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

```
.border{ border-color:rgb(11, 64, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 64, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 64, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 64, 104);  
box-shadow:4px 4px 4px 4px rgb(11, 64,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 52.7130, 25.2845, -36.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 64, 104) }
```

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

```
.background{ background-color: rgb(11, 64,  
104) }
```

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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