

# Converting Colors

YUV(52.6030, -24.9473,  
-25.0848)

Have a look what the booklet for  
YUV(52.6030, -24.9473, -25.0848)  
contains.

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# Color

**YUV(52.6030, -24.9473,  
-25.0848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	184D02
RGB	24, 77, 2
RGB Percent	9%, 30%, 1%
CMY	0.9059, 0.6980, 0.9922
CMYK	0.69, 0.00, 0.97, 0.70
HSL	102°, 95%, 15%
HSV	102°, 97%, 30%
XYZ	3.0415, 5.5063, 0.9600
YIQ	52.6030, -7.5130, -34.5610

# Conversions

## Conversions Part 2

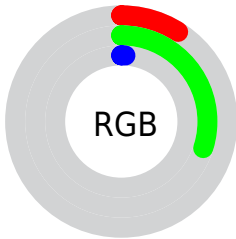
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 77, 55
Decimal	1592578
CIE <sub>Lab</sub>	28.13, -31.48, 34.77
CIE <sub>LCh</sub>	28, 46.905, 132.156
Yxy	5.5063, 0.3199, 0.5791
Android (android.graphics.Color)	4279782658 (0xFF184D02)
YUV	52.6030, -24.9473, -25.0848
Hunter-Lab	23.4656, -17.9282, 14.0004

# Details

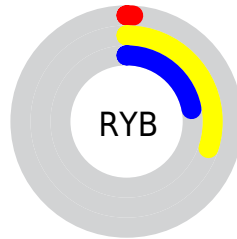
The YUV color **52.6030, -24.9473, -25.0848** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **26.3970, 24.9473, 25.0848**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2010, -25.2421, -23.8553**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **52.0760, -25.6735, -25.4997**, and if you desaturate by 10%, it is **55.0100, -22.1899, -22.8108**.

# Distribution



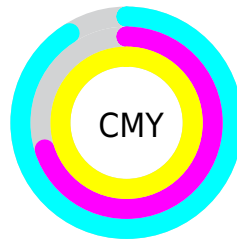
- Red (9%)
- Green (30%)
- Blue (1%)



- Red (1%)
- Yellow (30%)
- Blue (22%)



- Cyan (69%)
- Magenta (0%)
- Yellow (97%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.6030, -24.9473, -25.0848 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 52.6030, -24.9473, -25.0848 by changing the saturation by 10% instead.



■ 52.6030, -24.9473,  
-25.0848

■ 52.6030, -24.9473,  
-25.0848

■ 252.9480, -7.8624,  
1.7996

■ 31.6980, -15.6271,  
-27.7991

■ 103.2010,  
-25.2421, -23.8553

■ 19.9580, -9.8393,  
-17.5032

■ 128.9730,  
-26.1157, -23.6553

■ 0.0000, 0.0000,  
0.0000


■ 155.4460,  
-26.8419, -24.0701


■ 182.9190,  
-27.5681, -24.4850


■ 210.6910,  
-28.4417, -24.2850


■ 233.2940,


-26.2739, -19.5518


 245.1570,  
-18.3184, -4.5227


 52.6030, -24.9473,  
-25.0848


 52.6030, -24.9473,  
-25.0848


 52.0760, -25.6735,  
-25.4997

 55.0100, -22.1899,  
-22.8108

 57.6020, -20.0168,  
-19.8220

 60.0090, -17.2594,  
-17.5479

 62.7150, -14.6495,  
-14.6591

 65.1220, -11.8921,  
-12.3850

■ 67.7140, -9.7190,  
-9.3962

■ 70.1210, -6.9617,  
-7.1221

■ 72.8270, -4.3517,  
-4.2333

■ 75.1200, -2.0312,  
-1.8592

# Harmonies

## Analogous

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



61.1340, -30.1391, 6.8985



52.6030, -24.9473, -25.0848



52.4490, -4.6584, -45.9978

# Triad

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



52.6030, -24.9473, -25.0848



60.1160, 37.4108, -52.7217



57.5270, -2.2318, 62.6818

# Complementary

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



52.6030, -24.9473, -25.0848



26.3970, 24.9473, 25.0848

# 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.



62.7500, 12.9413, 49.3312



52.6030, -24.9473, -25.0848



54.4740, 41.1783, -47.7737

# Square

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



52.6030, -24.9473, -25.0848



60.5430, 26.3543, -53.0962



67.8580, 25.7060, 15.0335



61.2380, -20.8233, 52.4113



# Rectangle

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



52.6030, -24.9473, -25.0848



55.8860, 5.9722, -49.0120



67.8580, 25.7060, 15.0335



58.0090, 3.4466, 61.3821

# Sweetspot

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



52.6030, -24.9473, -25.0848



89.8280, -9.2822, -9.4962



55.5360, -26.3932, 18.8239



45.0610, -5.9461, -6.1925



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



52.6030, -24.9473, -25.0848



66.7840, -32.9245, -33.1366



47.7350, -15.1524, -40.1096



36.9460, -1.4524, -0.8296



68.8440, -33.9401, -34.0662



155.0430, -76.4362, -77.2137



# Inverse Universe

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



26.3970, 24.9473, 25.0848



32.2160, 32.9245, 33.1366



31.2650, 15.1524, 40.1096



35.3530, 1.3050, 1.4444



33.1560, 33.9401, 34.0662



74.6580, 76.5836, 76.5989



# Previews

## White Background



This preview shows how the YUV color 52.6030, -24.9473, -25.0848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

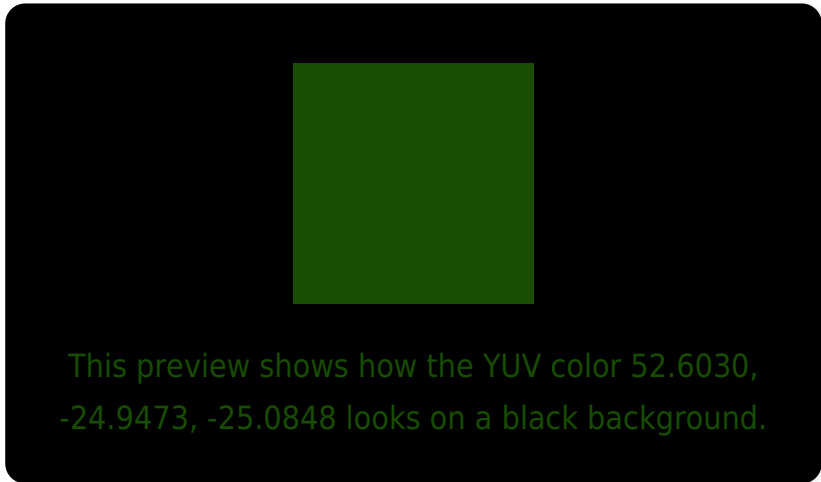
Any Text WCAG AA ✓ Pass

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 52.6030, -24.9473, -25.0848 Background



This preview shows how black text looks on a background with the YUV color 52.6030, -24.9473, -25.0848.



This preview shows how white text looks on a background with the YUV color 52.6030, -24.9473, -25.0848.

-25.0848.

# 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

52.6030, -24.9473, -25.0848

### Protanopia

61.7540, -30.4447, 11.6167

### Deuteranopia

63.9210, -23.6251, 17.6093



## Tritanopia

62.7030, 7.0484, -20.7875

# Trichromacy



## Original Color

52.6030, -24.9473, -25.0848

## Protanomaly

58.5350, -28.3648, -2.2232

## Deuteranomaly

59.7080, -24.0130, 2.0101

## Tritanomaly

59.3040, -4.5869, -22.1916

# Monochromacy



## Original Color

52.6030, -24.9473, -25.0848

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

52.8280, -9.2822, -9.4962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.6030, -24.9473, -25.0848 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(24, 77, 2)` looks like.

```
.text, #text, p{  
    color:rgb(24, 77, 2)  
}
```

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(24, 77, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 77, 2) }
```

## Border

The CSS property to change the border of an element to YUV 52.6030, -24.9473, -25.0848 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(24, 77, 2) }
```



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

```
.border{ border-color:rgb(24, 77, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 77, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 77, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 77, 2); box-shadow:4px  
4px 4px 4px rgb(24, 77, 2) }
```

# Background

The CSS property to change the background color of an element to YUV 52.6030, -24.9473, -25.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 77, 2) }
```

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

```
.background{ background-color: rgb(24, 77,  
2) }
```

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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