

# Converting Colors

YUV(64.2390, -25.2608,  
122.5704)

Have a look what the booklet for  
YUV(64.2390, -25.2608, 122.5704)  
contains.

<b>YUV(64.2390, -25.2608, 122.5704)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(64.2390, -25.2608,  
122.5704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC030D
RGB	204, 3, 13
RGB Percent	80%, 1%, 5%
CMY	0.2000, 0.9882, 0.9490
CMYK	0.00, 0.99, 0.94, 0.20
HSL	357°, 97%, 41%
HSV	357°, 99%, 80%
XYZ	25.0070, 12.9316, 1.5588
YIQ	64.2390, 116.5860, 45.7220

# Conversions

## Conversions Part 2

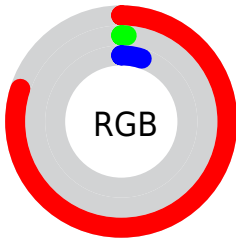
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 3, 13</a>
Decimal	<a href="#">13370125</a>
CIELab	<a href="#">42.66, 67.54, 52.57</a>
CIElCh	<a href="#">43, 85.594, 37.896</a>
Yxy	<a href="#">12.9316, 0.6331, 0.3274</a>
Android (android.graphics.Color)	<a href="#">4291560205 (0xFFCC030D)</a>
YUV	<a href="#">64.2390, -25.2608, 122.5704</a>
Hunter-Lab	<a href="#">35.9605, 61.1988, 22.6023</a>

# Details

The YUV color **64.2390, -25.2608, 122.5704** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **142.7610, 25.2608, -122.5704**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6810, -35.8317, 106.3968**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **62.1360, -25.7030, 124.4147**, and if you desaturate by 10%, it is **78.1450, -22.7495, 110.3748**.

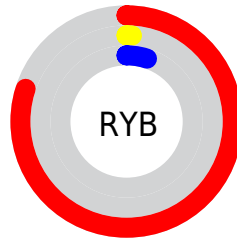
# Distribution



Red (80%)

Green (1%)

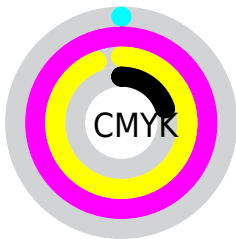
Blue (5%)



Red (80%)

Yellow (1%)

Blue (5%)

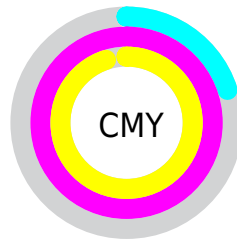


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (99%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.2390, -25.2608, 122.5704 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 64.2390, -25.2608, 122.5704 by changing the saturation by 10% instead.



■ 64.2390, -25.2608,  
122.5704

■ 64.2390, -25.2608,  
122.5704

■ 254.2020, -3.0576,  
0.6998

■ 51.4280, -25.3540,  
105.7416

■ 133.6810,  
-35.8317, 106.3968

■ 41.5610, -20.4896,  
85.4540

■ 154.1410,  
-33.5935, 88.4533

■ 32.2920, -15.9200,  
66.3959

■ 174.0140,  
-31.0659, 71.0247

■ 23.6640, -10.1874,  
47.6527

■ 194.0010,  
-28.1015, 53.4961

■ 14.2810, -6.0545,  
28.6946


■ 214.1020,  
-24.7003, 35.8675


■ 0.0000, 0.0000,  
0.0000


■ 234.7900,


-21.5885, 17.7242


 250.8960,  
-15.7247, 3.5992

 64.2390, -25.2608,  
122.5704


 64.2390, -25.2608,  
122.5704


 62.1360, -25.7030,  
124.4147

 78.1450, -22.7495,  
110.3748

 92.7520, -20.0907,  
97.5645

 106.6580,  
-17.5794, 85.3689

 121.2650,  
-14.9206, 72.5586

 135.1710,  
-12.4093, 60.3630

■ 149.0770, -9.8980,  
48.1675

■ 163.6840, -7.2392,  
35.3571

■ 177.5900, -4.7279,  
23.1616

■ 192.0830, -2.5059,  
10.4512

# Harmonies

## Analogous

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



74.9860, 5.4299, 125.4233



64.2390, -25.2608, 122.5704



93.6480, -46.1685, 61.6987

# Triad

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



64.2390, -25.2608, 122.5704



78.1630, -17.8284, -68.5490



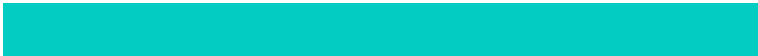
89.4510, 76.1927, -78.4485

# Complementary

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



64.2390, -25.2608, 122.5704



142.7610, 25.2608, -122.5704

# 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.



98.8770, 66.6156, -86.7151



64.2390, -25.2608, 122.5704



88.5880, 14.5001, -77.6917

# Square

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



64.2390, -25.2608, 122.5704



69.8530, -34.4375, -61.2611



96.4540, 44.6392, -84.5902



99.9960, 56.6970, 14.9125



# Rectangle

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



64.2390, -25.2608, 122.5704



95.2110, -46.9390, 28.7560



96.4540, 44.6392, -84.5902



94.2610, 74.3143, -82.6669

# Sweetspot

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



64.2390, -25.2608, 122.5704



202.0660, -9.8925, 46.4231



83.0230, 59.6417, 97.3268



95.9820, -5.9071, 28.0798



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



64.2390, -25.2608, 122.5704



77.7270, -31.9104, 155.4684



115.9290, -55.6740, 77.2383



94.9900, -1.4741, 6.1478



50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616



# Inverse Universe

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



64.2390, -25.2608, 122.5704



77.7270, -31.9104, 155.4684



91.0710, 55.6740, -77.2383



94.9900, -1.4741, 6.1478



50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616



# Previews

## White Background



This preview shows how the YUV color 64.2390, -25.2608, 122.5704 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 × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 64.2390, -25.2608, 122.5704

## Background



This preview shows how black text looks on a background with the YUV color 64.2390, -25.2608, 122.5704.



This preview shows how white text looks on a background with the YUV color 64.2390, -25.2608,



# 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

64.2390, -25.2608, 122.5704

### Protanopia

98.3800, -33.2183, 14.5757

### Deuteranopia

96.3960, -47.5232, 29.4707



## Tritanopia

71.8500, -35.4220, 115.0186

# Trichromacy



## Original Color

64.2390, -25.2608, 122.5704

## Protanomaly

86.0180, -30.5749, 53.4812

## Deuteranomaly

84.4940, -39.1905, 63.5878

## Tritanomaly

68.8980, -31.5017, 117.6075

# Monochromacy



## Original Color

64.2390, -25.2608, 122.5704

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

64.1690, -9.4503, 44.5788

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.2390, -25.2608, 122.5704 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(204, 3, 13)` looks like.

```
.text, #text, p{  
    color:rgb(204, 3, 13)  
}
```

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(204, 3, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 3, 13) }
```

## Border

The CSS property to change the border of an element to YUV 64.2390, -25.2608, 122.5704 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(204, 3, 13) }
```



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

```
.border{ border-color:rgb(204, 3, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 3, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 3, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 3, 13);  
box-shadow:4px 4px 4px 4px rgb(204, 3, 13)  
}
```

# Background

The CSS property to change the background color of an element to YUV 64.2390, -25.2608, 122.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 3, 13) }
```

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

```
.background{ background-color: rgb(204, 3,  
13) }
```

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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