

# Converting Colors

YUV(84.5890, -25.9264,  
149.4504)

Have a look what the booklet for  
YUV(84.5890, -25.9264, 149.4504)  
contains.

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# Color

**YUV(84.5890, -25.9264,  
149.4504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF0820
RGB	255, 8, 32
RGB Percent	100%, 3%, 13%
CMY	0.0000, 0.9686, 0.8745
CMYK	0.00, 0.97, 0.87, 0.00
HSL	354°, 100%, 52%
HSV	354°, 97%, 100%
XYZ	41.5875, 21.5380, 3.3318
YIQ	84.5890, 139.5080, 59.8280

# Conversions

## Conversions Part 2

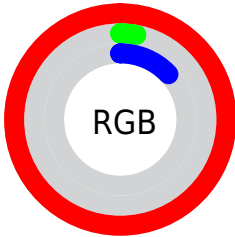
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 8, 32
Decimal	16713760
CIELab	53.53, 79.87, 57.33
CIELCh	54, 98.319, 35.668
Yxy	21.5380, 0.6258, 0.3241
Android (android.graphics.Color)	4294903840 (0xFFFF0820)
YUV	84.5890, -25.9264, 149.4504
Hunter-Lab	46.4090, 78.7398, 28.2297

# Details

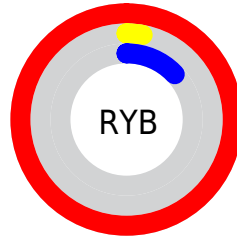
The YUV color **84.5890, -25.9264, 149.4504** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **178.4110, 25.9264, -149.4504**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8910, -31.0053, 98.3196**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **79.0950, -26.6688, 154.2687**, and if you desaturate by 10%, it is **101.8860, -23.1148, 134.2810**.

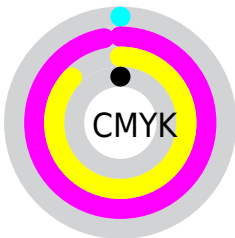
# Distribution



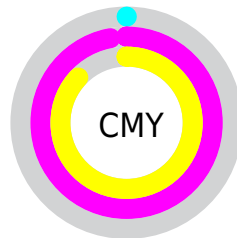
- Red (100%)
- Green (3%)
- Blue (13%)



- Red (100%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (97%)
- Yellow (87%)
- Black (0%)




- Cyan (0%)
- Magenta (97%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 84.5890, -25.9264, 149.4504 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 84.5890, -25.9264, 149.4504 by changing the saturation by 10% instead.





 84.5890, -25.9264,  
149.4504


 84.5890, -25.9264,  
149.4504


255.0000, 0.0000,  
0.0000

 66.7630, -29.9562,  
135.2658


 142.8910,  
-31.0053, 98.3196

 56.2120, -27.7125,  
115.5781


 164.5250,  
-29.3458, 79.3466

 46.0460, -22.7007,  
94.6757


 185.0990,  
-26.6708, 61.3032

 36.5920, -17.5469,  
74.9028

 206.3740,  
-23.8484, 42.6450

 27.3660, -11.5194,  
54.9300

 227.0620,  
-20.7366, 24.5016


 17.8690, -7.8234,  
36.0719


 248.4510,


 5.9800, -2.9481,


-17.4773, 5.7435


12.2955


 253.4040, -6.1152,  
1.3997


 0.0000, 0.0000,  
0.0000

 84.5890, -25.9264,  
149.4504

 84.5890, -25.9264,  
149.4504

 79.0950, -26.6688,  
154.2687

 101.8860,  
-23.1148, 134.2810

 119.7700,  
-20.5926, 118.5967

 137.6540,  
-18.0704, 102.9124

 154.9510,  
-15.2588, 87.7430

 172.8350,  
-12.7367, 72.0587

■ 190.1320, -9.9251,  
56.8892

■ 208.0160, -7.4029,  
41.2050

■ 225.3130, -4.5913,  
26.0355

■ 243.1970, -2.0691,  
10.3512

# Harmonies

## Analogous

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



89.4690, 13.0798, 145.1707



84.5890, -25.9264, 149.4504



118.2560, -58.3002, 79.5825

# Triad

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



84.5890, -25.9264, 149.4504



97.8590, -23.5945, -85.8223



108.3150, 72.3157, -94.9923

# Complementary

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



84.5890, -25.9264, 149.4504



178.4110, 25.9264, -149.4504

# 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.



120.0550, 66.5279, -105.2882



84.5890, -25.9264, 149.4504



110.8090, 15.8702, -97.1795

# Square

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



84.5890, -25.9264, 149.4504



97.3300, -47.9837, -56.4174



120.2710, 52.1244, -105.4777



125.7980, 63.6966, 9.8242



# Rectangle

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



84.5890, -25.9264, 149.4504



120.6610, -59.4859, 39.7623



120.2710, 52.1244, -105.4777



113.5980, 69.7112, -99.6254

# Sweetspot

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



84.5890, -25.9264, 149.4504



203.9240, -7.8505, 44.7937



102.5360, 75.1648, 111.7859



96.9110, -4.8861, 27.2651



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.



84.5890, -25.9264, 149.4504



79.0950, -26.6688, 154.2687



139.9660, -65.0592, 100.8848



119.0010, -1.4795, 7.8921



59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459



# Inverse Universe

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



84.5890, -25.9264, 149.4504



79.0950, -26.6688, 154.2687



123.0340, 65.0592, -100.8848



119.0010, -1.4795, 7.8921



59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459



# Previews

## White Background



This preview shows how the YUV color 84.5890, -25.9264, 149.4504 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

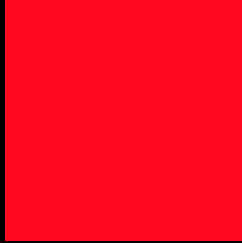
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 84.5890, -25.9264, 149.4504 looks on a black 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

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

# YUV 84.5890, -25.9264, 149.4504

## Background



This preview shows how black text looks on a background with the YUV color 84.5890, -25.9264, 149.4504.



This preview shows how white text looks on a background with the YUV color 84.5890, -25.9264,



# 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

84.5890, -25.9264, 149.4504

### Protanopia

124.7500, -34.3867, 16.0053

### Deuteranopia

120.3510, -59.3330, 37.4032



## Tritanopia

89.4470, -44.0974, 144.3130

# Trichromacy



## Original Color

84.5890, -25.9264, 149.4504

## Protanomaly

110.2690, -31.1916, 64.6621

## Deuteranomaly

107.5190, -47.0909, 77.5978

## Tritanomaly

87.8800, -37.4088, 145.6872

# Monochromacy



## Original Color

84.5890, -25.9264, 149.4504

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.9360, -9.3354, 54.4301

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.5890, -25.9264, 149.4504 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(255, 8, 32)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 32)  
}
```

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(255, 8, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 32) }
```

## Border

The CSS property to change the border of an element to YUV 84.5890, -25.9264, 149.4504 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(255, 8, 32) }
```



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

```
.border{ border-color:rgb(255, 8, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 8, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 32);  
box-shadow:4px 4px 4px 4px rgb(255, 8, 32)  
}
```

# Background

The CSS property to change the background color of an element to YUV 84.5890, -25.9264, 149.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 32) }
```

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

```
.background{ background-color: rgb(255, 8,  
32) }
```

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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