

# Converting Colors

YUV(105.6400, -23.4865,  
113.4487)

Have a look what the booklet for  
YUV(105.6400, -23.4865, 113.4487)  
contains.

<b>YUV(105.6400, -23.4865, 113.4487)</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(105.6400, -23.4865,  
113.4487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB313A
RGB	235, 49, 58
RGB Percent	92%, 19%, 23%
CMY	0.0784, 0.8078, 0.7725
CMYK	0.00, 0.79, 0.75, 0.08
HSL	357°, 82%, 56%
HSV	357°, 79%, 92%
XYZ	36.1230, 20.1643, 5.9912
YIQ	105.6400, 107.9670, 42.2310

# Conversions

## Conversions Part 2

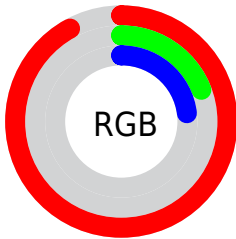
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 49, 58
Decimal	15413562
CIE <sub>Lab</sub>	52.02, 68.97, 41.21
CIE <sub>LCh</sub>	52, 80.348, 30.857
Yxy	20.1643, 0.5800, 0.3238
Android (android.graphics.Color)	4293603642 (0xFFEB313A)
YUV	105.6400, -23.4865, 113.4487
Hunter-Lab	44.9047, 65.0089, 23.5228

# Details

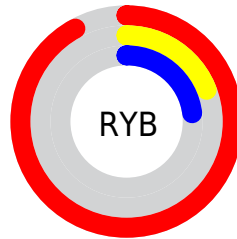
The YUV color **105.6400, -23.4865, 113.4487** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **178.3600, 23.4865, -113.4487**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0730, -23.7000, 88.5130**, and **52.5400, -18.5072, 103.0124** is the 20% darker color. If you saturate the color by 10%, you get **89.0440, -26.1507, 128.0034**, and if you desaturate by 10%, it is **122.2360, -20.8223, 98.8940**.

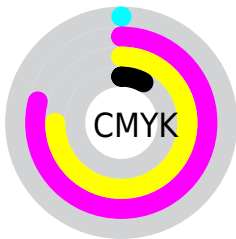
# Distribution



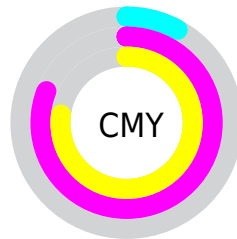
- Red (92%)
- Green (19%)
- Blue (23%)



- Red (92%)
- Yellow (19%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (75%)
- Black (8%)




- Cyan (8%)
- Magenta (81%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 105.6400, -23.4865, 113.4487 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 105.6400, -23.4865, 113.4487 by changing the saturation by 10% instead.




 105.6400,  
-23.4865, 113.4487


 105.6400,  
-23.4865, 113.4487


255.0000, 0.0000,  
0.0000


 64.8010, -14.1989,  
121.2005


 154.0730,  
-23.7000, 88.5130


 52.5400, -18.5072,  
103.0124


 174.5330,  
-21.4618, 70.5696


 41.5610, -20.4896,  
85.4540


 194.5200,  
-18.4974, 53.0410

 31.9930, -15.7725,  
65.7811

 214.6210,  
-15.0962, 35.4124

 23.3650, -10.0399,  
47.0379

 235.4230,  
-11.5475, 17.1690

 13.9820, -5.9071,  
28.0798

 253.4040, -6.1152,

 0.0000, 0.0000,

1.3997

0.0000

■ 105.6400,  
-23.4865, 113.4487

■ 105.6400,  
-23.4865, 113.4487

■ 89.0440, -26.1507,  
128.0034

■ 122.2360,  
-20.8223, 98.8940

■ 72.9210, -29.5411,  
142.1433

■ 138.3590,  
-17.4320, 84.7542

■ 71.5190, -29.8359,  
143.3728


■ 154.9550,  
-14.7678, 70.1995

■ 170.9640,  
-11.8143, 56.1596

■ 187.0870, -8.4239,  
42.0197

■ 203.6830, -5.7597,  
27.4650

 220.3930, -2.6587,  
12.8103

 236.4020, 0.2948,  
-1.2296

 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



91.8800, 16.3282, 129.9012



105.6400, -23.4865, 113.4487



114.6900, -56.5422, 75.6939

# Triad

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



105.6400, -23.4865, 113.4487



93.1630, -21.2794, -81.7040



107.1410, 72.8945, -93.9627

# Complementary

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



105.6400, -23.4865, 113.4487



178.3600, 23.4865, -113.4487

# 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.



114.8060, 64.1856, -100.6849



105.6400, -23.4865, 113.4487



103.9470, 9.8861, -91.1615

# Square

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



105.6400, -23.4865, 113.4487



105.5020, -52.0125, -24.1193



111.8130, 40.0252, -98.0600



123.5480, 59.3828, -6.6196



# Rectangle

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



105.6400, -23.4865, 113.4487



117.1500, -57.7549, 44.5955



111.8130, 40.0252, -98.0600



110.6630, 71.1581, -97.0515

# Sweetspot

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



105.6400, -23.4865, 113.4487



212.5810, -7.6814, 37.2015



123.1270, 55.1534, 90.2196



102.1770, -5.0173, 22.6468



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.



105.6400, -23.4865, 113.4487



86.6120, -30.8677, 147.6763



153.9220, -51.7265, 71.1054



109.2890, -1.6215, 6.7625



55.1450, -22.7495, 110.3748



16.4880, -6.6496, 32.8980



# Inverse Universe

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



105.6400, -23.4865, 113.4487



86.6120, -30.8677, 147.6763



130.0780, 51.7265, -71.1054



109.2890, -1.6215, 6.7625



55.1450, -22.7495, 110.3748



16.4880, -6.6496, 32.8980



# Previews

## White Background



This preview shows how the YUV color 105.6400, -23.4865, 113.4487 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 105.6400, -23.4865, 113.4487 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 105.6400, -23.4865, 113.4487 Background



This preview shows how black text looks on a background with the YUV color 105.6400, -23.4865, 113.4487.



This preview shows how white text looks on a background with the YUV color 105.6400, -23.4865, 113.4487.



# 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

105.6400, -23.4865, 113.4487

### Protanopia

123.0880, -20.2564, 10.4468

### Deuteranopia

120.8550, -36.9035, 29.9452



## Tritanopia

105.4290, -26.8335, 113.6338

# Trichromacy



## Original Color

105.6400, -23.4865, 113.4487

## Protanomaly

116.3900, -21.3913, 47.8930

## Deuteranomaly

115.3070, -32.1964, 60.2438

## Tritanomaly

105.7710, -25.5231, 113.3338

# Monochromacy



## Original Color

105.6400, -23.4865, 113.4487

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.7880, -8.2765, 41.4049

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.6400, -23.4865, 113.4487 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(235, 49, 58)` looks like.

```
.text, #text, p{  
    color:rgb(235, 49, 58)  
}
```

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(235, 49, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 49, 58) }
```

## Border

The CSS property to change the border of an element to YUV 105.6400, -23.4865, 113.4487 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(235, 49, 58) }
```



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

```
.border{ border-color:rgb(235, 49, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 49, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 49, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 49, 58);  
box-shadow:4px 4px 4px 4px rgb(235, 49,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 105.6400, -23.4865, 113.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 49, 58) }
```

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

```
.background{ background-color: rgb(235, 49,  
58) }
```

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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