

Converting Colors

YUV(123.3660, -34.6904,
113.6890)

Have a look what the booklet for
YUV(123.3660, -34.6904, 113.6890)
contains.

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Color

**YUV(123.3660, -34.6904,
113.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4735
RGB	253, 71, 53
RGB Percent	99%, 28%, 21%
CMY	0.0078, 0.7216, 0.7922
CMYK	0.00, 0.72, 0.79, 0.01
HSL	5°, 98%, 60%
HSV	5°, 79%, 99%
XYZ	43.4039, 25.6462, 6.0307
YIQ	123.3660, 114.2500, 32.9860

Conversions

Conversions Part 2

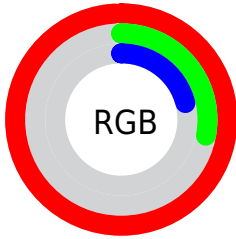
Format	Color
R_{YB}	253, 73, 53
Decimal	16598837
CIE Lab	57.70, 67.36, 50.83
CIE LCh	58, 84.390, 37.037
Yxy	25.6462, 0.5781, 0.3416
Android (android.graphics.Color)	4294788917 (0xFFFD4735)
YUV	123.3660, -34.6904, 113.6890
Hunter-Lab	50.6420, 64.3637, 28.3889

Details

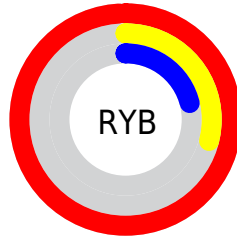
The YUV color **123.3660, -34.6904, 113.6890** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **182.6340, 34.6904, -113.6890**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7700, -30.9456, 79.1317**, and **56.7820, -25.5285, 115.0782** is the 20% darker color. If you saturate the color by 10%, you get **107.0150, -38.9544, 128.0288**, and if you desaturate by 10%, it is **139.7170, -30.4265, 99.3492**.

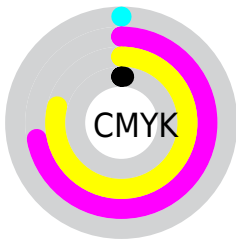
Distribution



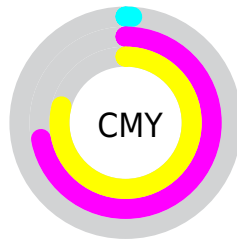
- Red (99%)
- Green (28%)
- Blue (21%)



- Red (99%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (72%)
- Yellow (79%)
- Black (1%)





- Cyan (1%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.3660, -34.6904, 113.6890 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 123.3660, -34.6904, 113.6890 by changing the saturation by 10% instead.


 123.3660,
-34.6904, 113.6890


 123.3660,
-34.6904, 113.6890


255.0000, 0.0000,
0.0000

 90.3320, -29.7437,
113.7188


 164.7700,
-30.9456, 79.1317

 56.7820, -25.5285,
115.0782


 184.6430,
-28.4180, 61.7031

 46.3450, -22.8481,
95.2904


 204.7440,
-25.0168, 44.0745

 36.7770, -18.1311,
75.6176

 224.8450,
-21.6156, 26.4459

 27.6220, -13.1246,
56.4595

 245.6470,
-18.0670, 8.2026

 19.1790, -7.9762,
38.4310

 252.9480, -7.8624,

 8.4860, -3.6906,

1.7996

17.1138

■ 0.0000, 0.0000,
0.0000

■ 123.3660,
-34.6904, 113.6890

■ 123.3660,
-34.6904, 113.6890

■ 107.0150,
-38.9544, 128.0288

■ 139.7170,
-30.4265, 99.3492

■ 90.5500, -43.6551,
142.4687

■ 156.1820,
-25.7257, 84.9094

■ 89.1480, -43.9500,
143.6982

■ 172.5330,
-21.4618, 70.5696

■ 188.8840,
-17.1978, 56.2297

■ 205.3490,
-12.4971, 41.7899

■ 221.7000, -8.2331,
27.4501

■ 238.0510, -3.9691,
13.1103

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



108.6920, 8.0398, 128.3121



123.3660, -34.6904, 113.6890



129.7190, -63.9515, 72.1604

Triad

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



123.3660, -34.6904, 113.6890



106.8070, -14.6949, -93.6697



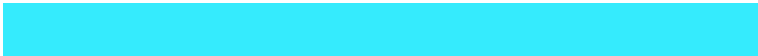
113.0110, 70.0006, -99.1106

Complementary

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



123.3660, -34.6904, 113.6890



182.6340, 34.6904, -113.6890

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.



124.1640, 64.5021, -108.8918



123.3660, -34.6904, 113.6890



117.4600, 18.5072, -103.0124

Square

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



123.3660, -34.6904, 113.6890



113.3770, -55.8949, -38.9186



124.9670, 49.8093, -109.5961



140.2950, 56.5496, 15.5273

Rectangle

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



123.3660, -34.6904, 113.6890



130.0970, -64.1378, 38.5029



124.9670, 49.8093, -109.5961



117.7070, 67.6854, -103.2290

Sweetspot

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



123.3660, -34.6904, 113.6890



215.1740, -10.4388, 34.9274



133.6620, 50.4526, 104.6594



103.8240, -6.3222, 21.2024



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.



123.3660, -34.6904, 113.6890



98.2720, -42.0391, 137.4505



181.4790, -63.3401, 62.7239



119.4740, -2.2057, 7.4773



67.0880, -33.0744, 108.6708



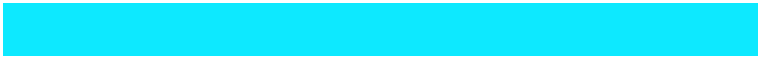
22.6580, -11.1704, 36.2569

Inverse Universe

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



182.6340, 34.6904, -113.6890



169.7280, 42.0391, -137.4505



124.5210, 63.3401, -62.7239



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569

Previews

White Background



This preview shows how the YUV color 123.3660, -34.6904, 113.6890 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 123.3660, -34.6904, 113.6890 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 123.3660, -34.6904, 113.6890 Background



This preview shows how black text looks on a background with the YUV color 123.3660, -34.6904, 113.6890.



This preview shows how white text looks on a background with the YUV color 123.3660, -34.6904, 113.6890.

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

123.3660, -34.6904, 113.6890

Protanopia

135.6620, -30.8924, 15.2054

Deuteranopia

133.8420, -47.2501, 35.2186



Tritanopia

124.5430, -26.3967, 113.5338

Trichromacy



Original Color

123.3660, -34.6904, 113.6890

Protanomaly

130.9530, -32.0218, 50.9072

Deuteranomaly

130.1690, -42.9743, 63.8728

Tritanomaly

124.3320, -29.7437, 113.7188

Monochromacy



Original Color

123.3660, -34.6904, 113.6890

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0500, -12.3496, 41.1752

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3660, -34.6904, 113.6890 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(253, 71, 53)` looks like.

```
.text, #text, p{  
    color:rgb(253, 71, 53)  
}
```

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(253, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 71, 53) }
```

Border

The CSS property to change the border of an element to YUV 123.3660, -34.6904, 113.6890 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(253, 71, 53) }
```


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

```
.border{ border-color:rgb(253, 71, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 71, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(253, 71,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 123.3660, -34.6904, 113.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 71, 53) }
```

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

```
.background{ background-color: rgb(253, 71,  
53) }
```

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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