

Converting Colors

YUV(85.8720, -15.2199,
122.0153)

Have a look what the booklet for
YUV(85.8720, -15.2199, 122.0153)
contains.

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Color

**YUV(85.8720, -15.2199,
122.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	E11537
RGB	225, 21, 55
RGB Percent	88%, 8%, 22%
CMY	0.1176, 0.9176, 0.7843
CMYK	0.00, 0.91, 0.76, 0.12
HSL	350°, 83%, 48%
HSV	350°, 91%, 88%
XYZ	32.0091, 16.8197, 5.1739
YIQ	85.8720, 110.6700, 53.8220

Conversions

Conversions Part 2

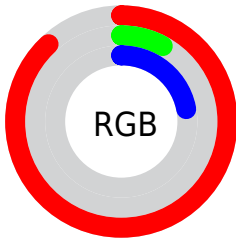
Format	Color
R_{YB}	225, 21, 55
Decimal	14751031
CIE Lab	48.03, 71.87, 37.96
CIE LCh	48, 81.277, 27.842
Yxy	16.8197, 0.5927, 0.3115
Android (android.graphics.Color)	4292941111 (0xFFE11537)
YUV	85.8720, -15.2199, 122.0153
Hunter-Lab	41.0118, 67.5457, 21.2285

Details

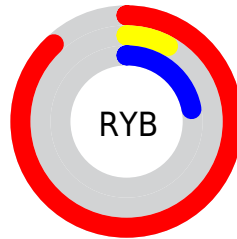
The YUV color **85.8720, -15.2199, 122.0153** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **160.1280, 15.2199, -122.0153**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2250, -20.8169, 97.1497**, and **49.3220, -17.9067, 97.0646** is the 20% darker color. If you saturate the color by 10%, you get **71.6070, -16.5683, 134.5257**, and if you desaturate by 10%, it is **101.5390, -13.5767, 108.2753**.

Distribution



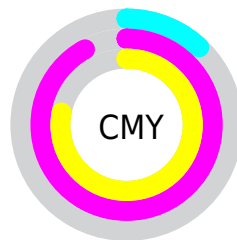
- Red (88%)
- Green (8%)
- Blue (22%)



- Red (88%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (91%)
- Yellow (76%)
- Black (12%)





- Cyan (12%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8720, -15.2199, 122.0153 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 85.8720, -15.2199, 122.0153 by changing the saturation by 10% instead.


 85.8720, -15.2199,
122.0153

 85.8720, -15.2199,
122.0153


255.0000, 0.0000,
0.0000


 61.4690, -14.0352,
115.3527


 144.2250,
-20.8169, 97.1497


 49.3220, -17.9067,
97.0646


 164.6850,
-18.5787, 79.2063


 38.5710, -19.0155,
79.3062

 185.2590,
-15.9037, 61.1629

 29.2310, -13.4249,
59.4334

 205.3600,
-12.5025, 43.5343

 20.6740, -8.7133,
41.5049

 226.1620, -8.9539,
25.2909

 10.2800, -4.5750,
20.8024

 246.9640, -5.4053,

 0.0000, 0.0000,

7.0476

0.0000

■ 85.8720, -15.2199,
122.0153

■ 85.8720, -15.2199,
122.0153

■ 71.6070, -16.5683,
134.5257

■ 101.5390,
-13.5767, 108.2753

■ 116.6190,
-11.6442, 95.0501

■ 132.1720,
-10.4378, 81.4102

■ 147.2520, -8.5052,
68.1850

■ 162.9190, -6.8621,
54.4450

■ 177.9990, -4.9295,
41.2199

■ 193.5520, -3.7231,
27.5799

■ 208.6320, -1.7906,
14.3547

■ 224.2990, -0.1474,
0.6148

Harmonies

Analogous

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



81.7810, 19.8280, 127.3571



85.8720, -15.2199, 122.0153



103.7920, -51.1695, 79.1124

Triad

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



85.8720, -15.2199, 122.0153



83.8390, -26.5426, -73.5268



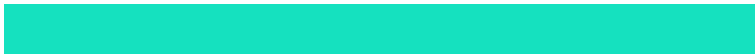
102.2170, 74.3360, -89.6443

Complementary

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



85.8720, -15.2199, 122.0153



160.1280, 15.2199, -122.0153

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.



107.3400, 60.9644, -94.1372



85.8720, -15.2199, 122.0153



94.9650, 5.9333, -83.2843

Square

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



85.8720, -15.2199, 122.0153



97.5610, -48.0976, -19.7860



103.5320, 36.2197, -90.7976



110.2580, 62.4838, -21.2743

Rectangle

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



85.8720, -15.2199, 122.0153



107.7250, -53.1084, 47.5992



103.5320, 36.2197, -90.7976



105.3970, 71.2893, -92.4332

Sweetspot

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



85.8720, -15.2199, 122.0153



207.9990, -4.9295, 41.2199



95.0860, 64.0476, 84.1166



100.0570, -2.9861, 24.5060



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.



85.8720, -15.2199, 122.0153



81.1470, -18.8065, 152.4691



121.9120, -49.7496, 90.4082



104.5170, -0.7479, 6.5626



55.9300, -13.2765, 105.3014



15.2640, -3.5812, 28.7095

Inverse Universe

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



85.8720, -15.2199, 122.0153



81.0330, -19.2433, 152.5691



124.0880, 49.7496, -90.4082



104.5170, -0.7479, 6.5626



55.9300, -13.2765, 105.3014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 85.8720, -15.2199, 122.0153 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



This preview shows how the YUV color 85.8720, -15.2199, 122.0153 looks on a 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 85.8720, -15.2199, 122.0153

Background



This preview shows how black text looks on a background with the YUV color 85.8720, -15.2199, 122.0153.



This preview shows how white text looks on a background with the YUV color 85.8720, -15.2199,

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

85.8720, -15.2199, 122.0153

Protanopia

113.9290, -15.7410, 8.8323

Deuteranopia

111.8270, -34.4247, 28.2157



Tritanopia

86.8490, -30.4916, 120.2814

Trichromacy



Original Color

85.8720, -15.2199, 122.0153

Protanomaly

103.8940, -15.7237, 50.0820

Deuteranomaly

102.2840, -27.2550, 62.0179

Tritanomaly

86.3420, -24.8186, 120.7261

Monochromacy



Original Color

85.8720, -15.2199, 122.0153

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9070, -5.3772, 44.8086

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8720, -15.2199, 122.0153 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(225, 21, 55)` looks like.

```
.text, #text, p{  
    color:rgb(225, 21, 55)  
}
```

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(225, 21, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 21, 55) }
```

Border

The CSS property to change the border of an element to YUV 85.8720, -15.2199, 122.0153 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(225, 21, 55) }
```


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

```
.border{ border-color:rgb(225, 21, 55) }
```

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

Here you see how a box with a 4 pixel rgb(225, 21, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 21, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 21, 55);  
box-shadow:4px 4px 4px 4px rgb(225, 21,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 85.8720, -15.2199, 122.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 21, 55) }
```

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

```
.background{ background-color: rgb(225, 21,  
55) }
```

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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