

Converting Colors

YUV(121.5240, -20.9643,
97.7645)

Have a look what the booklet for
YUV(121.5240, -20.9643, 97.7645)
contains.

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Color

**YUV(121.5240, -20.9643,
97.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	E9494F
RGB	233, 73, 79
RGB Percent	91%, 29%, 31%
CMY	0.0863, 0.7137, 0.6902
CMYK	0.00, 0.69, 0.66, 0.09
HSL	358°, 78%, 60%
HSV	358°, 69%, 91%
XYZ	37.3981, 22.6532, 9.7985
YIQ	121.5240, 93.4340, 35.7860

Conversions

Conversions Part 2

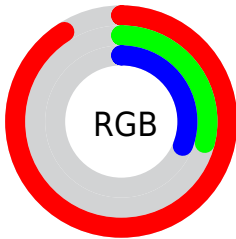
Format	Color
R_{YB}	233, 73, 79
Decimal	15288655
CIE _{Lab}	54.71, 61.59, 32.29
CIE _{LCh}	55, 69.542, 27.671
Yxy	22.6532, 0.5354, 0.3243
Android (android.graphics.Color)	4293478735 (0xFFE9494F)
YUV	121.5240, -20.9643, 97.7645
Hunter-Lab	47.5954, 56.9644, 21.1107

Details

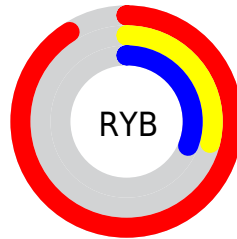
The YUV color **121.5240, -20.9643, 97.7645** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **184.4760, 20.9643, -97.7645**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1470, -19.2995, 77.0471**, and **54.7060, -10.2081, 101.1128** is the 20% darker color. If you saturate the color by 10%, you get **105.5150, -23.9179, 111.8043**, and if you desaturate by 10%, it is **137.5330, -18.0108, 83.7246**.

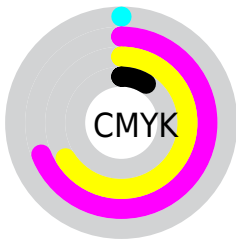
Distribution



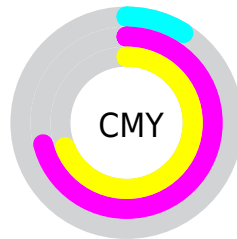
- Red (91%)
- Green (29%)
- Blue (31%)



- Red (91%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (66%)
- Black (9%)





- Cyan (9%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.5240, -20.9643, 97.7645 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 121.5240, -20.9643, 97.7645 by changing the saturation by 10% instead.


 121.5240,
-20.9643, 97.7645


 121.5240,
-20.9643, 97.7645


255.0000, 0.0000,
0.0000


 90.5500, -17.0331,
96.8646


 167.1470,
-19.2995, 77.0471

 54.7060, -10.2081,
101.1128


 187.1340,
-16.3351, 59.5185

 43.1570, -14.3744,
84.0543

 207.2350,
-12.9339, 41.8899

 32.2920, -15.9200,
66.3959

 227.4500, -9.0958,
24.1614

 23.4360, -11.0609,
47.8526

 248.2520, -5.5472,
5.9180

 14.8790, -6.3493,
29.9241

 0.0000, 0.0000,

0.0000

■ 121.5240,
-20.9643, 97.7645

■ 121.5240,
-20.9643, 97.7645

■ 105.5150,
-23.9179, 111.8043

■ 137.5330,
-18.0108, 83.7246

■ 88.8050, -27.0189,
126.4590

■ 154.2430,
-14.9098, 69.0699

■ 72.7960, -29.9724,
140.4989

■ 170.2520,
-11.9562, 55.0300

■ 70.6930, -30.4146,
142.3432

■ 186.3750, -8.5659,
40.8901

■ 202.9710, -5.9017,
26.3354

■ 219.0940, -2.5113,
12.1956

■ 235.1030, 0.4422,
-1.8443

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



122.3800, 7.7007, 97.0137



121.5240, -20.9643, 97.7645



123.7480, -51.1478, 72.1350

Triad

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



121.5240, -20.9643, 97.7645



96.8790, -17.1953, -84.9629



110.9080, 69.5584, -97.2663

Complementary

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



121.5240, -20.9643, 97.7645



184.4760, 20.9643, -97.7645

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.



116.2590, 57.0603, -101.9591



121.5240, -20.9643, 97.7645



106.2950, 8.7286, -93.2207

Square

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



121.5240, -20.9643, 97.7645



115.3250, -56.8552, -10.8090



113.8360, 35.0839, -99.8342



130.7940, 52.8526, -12.0973

Rectangle

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



121.5240, -20.9643, 97.7645



123.0750, -60.6760, 48.1692



113.8360, 35.0839, -99.8342



113.5010, 66.8010, -99.5404

Sweetspot

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



121.5240, -20.9643, 97.7645



217.3740, -7.0864, 32.9980



136.6880, 47.4818, 77.4496



105.6820, -4.2802, 19.5729



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.



121.5240, -20.9643, 97.7645



109.4030, -27.3137, 127.6886



163.1040, -44.4213, 61.2988



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980

Inverse Universe

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



121.5240, -20.9643, 97.7645



109.4030, -27.3137, 127.6886



142.8960, 44.4213, -61.2988



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 121.5240, -20.9643, 97.7645 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 121.5240, -20.9643, 97.7645 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 121.5240, -20.9643, 97.7645

Background



This preview shows how black text looks on a background with the YUV color 121.5240, -20.9643, 97.7645.



This preview shows how white text looks on a background with the YUV color 121.5240, -20.9643,

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

121.5240, -20.9643, 97.7645

Protanopia

130.3850, -13.9938, 8.4324

Deuteranopia

129.4940, -29.3305, 27.6308



Tritanopia

121.2960, -21.8379, 97.9644

Trichromacy



Original Color

121.5240, -20.9643, 97.7645

Protanomaly

127.3120, -16.4228, 40.9454

Deuteranomaly

126.4570, -26.3543, 53.0962

Tritanomaly

121.4100, -21.4011, 97.8644

Monochromacy



Original Color

121.5240, -20.9643, 97.7645

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.5700, -7.6760, 35.4571

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5240, -20.9643, 97.7645 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(233, 73, 79)` looks like.

```
.text, #text, p{  
    color:rgb(233, 73, 79)  
}
```

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(233, 73, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 73, 79) }
```

Border

The CSS property to change the border of an element to YUV 121.5240, -20.9643, 97.7645 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(233, 73, 79) }
```


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

```
.border{ border-color:rgb(233, 73, 79) }
```

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

Here you see how a box with a 4 pixel rgb(233, 73, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 73, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 73, 79);  
box-shadow:4px 4px 4px 4px rgb(233, 73,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 121.5240, -20.9643, 97.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 73, 79) }
```

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

```
.background{ background-color: rgb(233, 73,  
79) }
```

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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