

Converting Colors

YUV(120.0840, -20.2544,
103.4123)

Have a look what the booklet for
YUV(120.0840, -20.2544, 103.4123)
contains.

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Color

**YUV(120.0840, -20.2544,
103.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	EE444F
RGB	238, 68, 79
RGB Percent	93%, 27%, 31%
CMY	0.0667, 0.7333, 0.6902
CMYK	0.00, 0.71, 0.67, 0.07
HSL	356°, 83%, 60%
HSV	356°, 71%, 93%
XYZ	38.7383, 22.8759, 9.7709
YIQ	120.0840, 97.7890, 39.4610

Conversions

Conversions Part 2

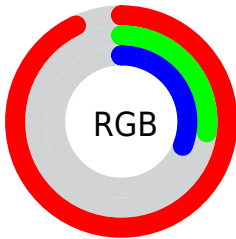
Format	Color
R_{YB}	238, 68, 79
Decimal	15615055
CIE _{Lab}	54.94, 64.92, 32.78
CIE _{LCh}	55, 72.724, 26.789
Yxy	22.8759, 0.5427, 0.3205
Android (android.graphics.Color)	4293805135 (0xFFEE444F)
YUV	120.0840, -20.2544, 103.4123
Hunter-Lab	47.8288, 60.8735, 21.3678

Details

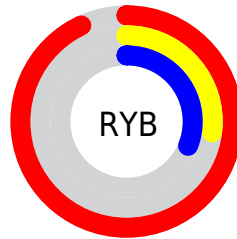
The YUV color **120.0840, -20.2544, 103.4123** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **185.9160, 20.2544, -103.4123**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3860, -18.4313, 78.5915**, and **56.0160, -10.3609, 103.4720** is the 20% darker color. If you saturate the color by 10%, you get **103.4880, -22.9186, 117.9670**, and if you desaturate by 10%, it is **136.6800, -17.5902, 88.8576**.

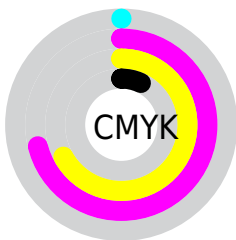
Distribution



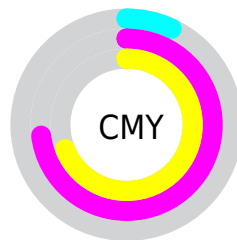
- Red (93%)
- Green (27%)
- Blue (31%)



- Red (93%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.0840, -20.2544, 103.4123 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 120.0840, -20.2544, 103.4123 by changing the saturation by 10% instead.


 120.0840,
-20.2544, 103.4123


 120.0840,
-20.2544, 103.4123


255.0000, 0.0000,
0.0000

 87.3490, -15.4551,
104.0569


 165.3860,
-18.4313, 78.5915


 56.0160, -10.3609,
103.4720


 185.3730,
-15.4669, 61.0629


 44.3530, -14.9640,
86.5134


 205.4740,
-12.0657, 43.4343

 33.4880, -16.5096,
68.8550

 225.6890, -8.2277,
25.7057

 24.7460, -11.2138,
50.2118

 246.4910, -4.6791,
7.4624

 15.7760, -6.7916,
31.7684

 0.0000, 0.0000,

0.0000

■ 120.0840,
-20.2544, 103.4123

■ 120.0840,
-20.2544, 103.4123

■ 103.4880,
-22.9186, 117.9670

■ 136.6800,
-17.5902, 88.8576

■ 86.7780, -26.0196,
132.6217

■ 153.3900,
-14.4893, 74.2030

■ 72.8720, -28.5309,
144.8173

■ 169.3990,
-11.5357, 60.1631

■ 185.9950, -8.8715,
45.6084

■ 202.5910, -6.2074,
31.0537

■ 219.3010, -3.1064,
16.3990

■ 235.8970, -0.4422,
1.8443

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



120.3960, 10.1578, 102.2617



120.0840, -20.2544, 103.4123



123.3850, -53.9268, 76.8384

Triad

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



120.0840, -20.2544, 103.4123



96.8960, -19.6687, -84.9778



112.4240, 70.2900, -98.5958

Complementary

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



120.0840, -20.2544, 103.4123



185.9160, 20.2544, -103.4123

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.



117.4160, 58.9549, -102.9738



120.0840, -20.2544, 103.4123



107.3550, 7.7130, -94.1503

Square

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



120.0840, -20.2544, 103.4123



115.3250, -56.8552, -10.8090



114.6510, 35.6681, -100.5489



130.3850, 56.5052, -17.0006

Rectangle

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



120.0840, -20.2544, 103.4123



123.9720, -61.1182, 50.0136



114.6510, 35.6681, -100.5489



115.3590, 68.8430, -101.1698

Sweetspot

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



120.0840, -20.2544, 103.4123



217.6020, -6.2128, 32.7980



134.9210, 50.8179, 80.7533



105.7960, -3.8434, 19.4729



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.



120.0840, -20.2544, 103.4123



103.0770, -26.1670, 133.2365



162.2680, -46.4741, 66.4170



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276

Inverse Universe

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



120.0840, -20.2544, 103.4123



103.0770, -26.1670, 133.2365



143.7320, 46.4741, -66.4170



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 120.0840, -20.2544, 103.4123 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 120.0840, -20.2544, 103.4123 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 120.0840, -20.2544, 103.4123 Background



This preview shows how black text looks on a background with the YUV color 120.0840, -20.2544, 103.4123.



This preview shows how white text looks on a background with the YUV color 120.0840, -20.2544,

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

120.0840, -20.2544, 103.4123

Protanopia

131.2000, -13.4096, 7.7176

Deuteranopia

130.3800, -29.7673, 27.7307



Tritanopia

119.8730, -23.6014, 103.5974

Trichromacy



Original Color

120.0840, -20.2544, 103.4123

Protanomaly

127.4370, -15.9914, 42.5898

Deuteranomaly

126.7670, -26.5071, 55.4553

Tritanomaly

120.2150, -22.2910, 103.2974

Monochromacy



Original Color

120.0840, -20.2544, 103.4123

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9940, -7.3920, 37.7163

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0840, -20.2544, 103.4123 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(238, 68, 79)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 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(238, 68, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 79) }
```

Border

The CSS property to change the border of an element to YUV 120.0840, -20.2544, 103.4123 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(238, 68, 79) }
```


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

```
.border{ border-color:rgb(238, 68, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 68, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 79);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 120.0840, -20.2544, 103.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 79) }
```

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

```
.background{ background-color: rgb(238, 68,  
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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