

Converting Colors

YUV(104.8040, -8.7774,
108.9199)

Have a look what the booklet for
YUV(104.8040, -8.7774, 108.9199)
contains.

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Color

**YUV(104.8040, -8.7774,
108.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	E52D57
RGB	229, 45, 87
RGB Percent	90%, 18%, 34%
CMY	0.1020, 0.8235, 0.6588
CMYK	0.00, 0.80, 0.62, 0.10
HSL	346°, 78%, 54%
HSV	346°, 80%, 90%
XYZ	34.9718, 19.2229, 10.8840
YIQ	104.8040, 96.1820, 52.0700

Conversions

Conversions Part 2

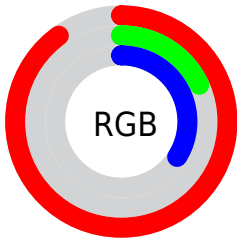
Format	Color
R_{YB}	229, 45, 87
Decimal	15019351
CIE Lab	50.95, 69.72, 22.61
CIE LCh	51, 73.295, 17.965
Yxy	19.2229, 0.5374, 0.2954
Android (android.graphics.Color)	4293209431 (0xFFE52D57)
YUV	104.8040, -8.7774, 108.9199
Hunter-Lab	43.8439, 65.6523, 15.9724

Details

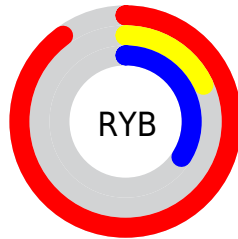
The YUV color **104.8040, -8.7774, 108.9199** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **169.1960, 8.7774, -108.9199**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3190, -10.0173, 86.5432**, and **54.4220, -6.1240, 97.8539** is the 20% darker color. If you saturate the color by 10%, you get **89.2510, -9.9837, 122.5599**, and if you desaturate by 10%, it is **120.3570, -7.5710, 95.2799**.

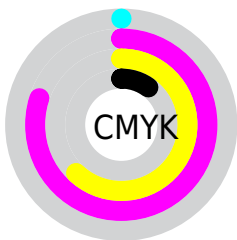
Distribution



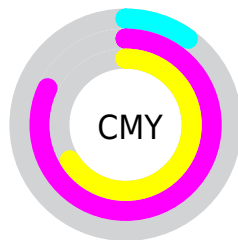
- Red (90%)
- Green (18%)
- Blue (34%)



- Red (90%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (10%)



- Cyan (10%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.8040, -8.7774, 108.9199 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 104.8040, -8.7774, 108.9199 by changing the saturation by 10% instead.


 104.8040, -8.7774,
108.9199

 104.8040, -8.7774,
108.9199


255.0000, 0.0000,
0.0000


 66.1990, -1.0841,
114.7125


 156.3190,
-10.0173, 86.5432

 54.4220, -6.1240,
97.8539


 176.4200, -6.6161,
68.9147

 42.9870, -9.8536,
80.6954


 196.5210, -3.2149,
51.2861

 31.2100, -14.8935,
63.8368

 217.2090, -0.1030,
33.1427

 22.7670, -9.7451,
45.8083

 237.5380, 4.1718,
15.3142

 12.9710, -5.9017,
26.3354

 0.0000, 0.0000,

0.0000

■ 104.8040, -8.7774,
108.9199

■ 104.8040, -8.7774,
108.9199

■ 89.2510, -9.9837,
122.5599

■ 120.3570, -7.5710,
95.2799

■ 74.3990, -11.0427,
135.5851

■ 135.7960, -6.8014,
81.7399

■ 151.3490, -5.5951,
68.0999

■ 166.9020, -4.3887,
54.4599

■ 182.3410, -3.6191,
40.9199

■ 197.3070, -2.1234,
27.7948

■ 212.8600, -0.9170,
14.1548

■ 228.2990, -0.1474,
0.6148

■ 243.8520, 1.0590,
-13.0252

Harmonies

Analogous

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



110.0560, 19.1994, 95.5439



104.8040, -8.7774, 108.9199



111.7140, -42.7500, 85.3198

Triad

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



104.8040, -8.7774, 108.9199



86.1720, -31.6368, -72.9418



107.7620, 67.6583, -94.5073

Complementary

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



104.8040, -8.7774, 108.9199



169.1960, 8.7774, -108.9199

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.



110.0980, 51.2237, -96.5559



104.8040, -8.7774, 108.9199



96.8910, -1.9183, -84.9734

Square

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



104.8040, -8.7774, 108.9199



109.7980, -54.1304, 1.9312



104.8880, 26.1842, -91.9868



105.8460, 67.1239, -63.0089

Rectangle

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



104.8040, -8.7774, 108.9199



113.4170, -55.9146, 61.0243



104.8880, 26.1842, -91.9868



109.8990, 63.1538, -96.3814

Sweetspot

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



104.8040, -8.7774, 108.9199



213.8350, -2.8767, 36.1017



108.1350, 59.5864, 68.2876



102.9750, -1.9597, 21.9469



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.



104.8040, -8.7774, 108.9199



89.6390, -11.6540, 145.0216



128.7790, -41.3030, 87.8938



106.9300, -0.4585, 7.0774



58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Inverse Universe

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



104.8040, -8.7774, 108.9199



89.6390, -11.6540, 145.0216



145.2210, 41.3030, -87.8938



106.9300, -0.4585, 7.0774



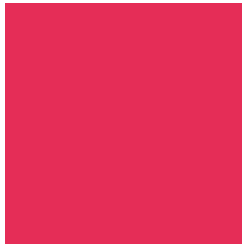
58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 104.8040, -8.7774, 108.9199 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 104.8040, -8.7774, 108.9199 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 104.8040, -8.7774, 108.9199

Background



This preview shows how black text looks on a background with the YUV color 104.8040, -8.7774, 108.9199.



This preview shows how white text looks on a background with the YUV color 104.8040, -8.7774,

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

104.8040, -8.7774, 108.9199

Protanopia

122.0820, -1.0264, 2.5591

Deuteranopia

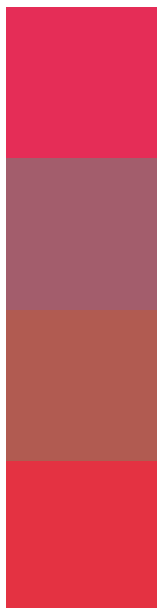
121.5240, -21.4573, 22.3425



Tritanopia

105.4390, -25.3594, 107.4860

Trichromacy



Original Color

104.8040, -8.7774, 108.9199

Protanomaly

115.6400, -3.7665, 41.5347

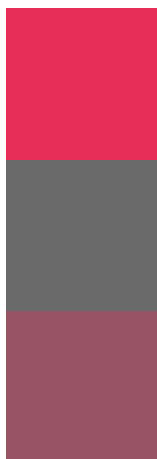
Deuteranomaly

115.5740, -17.0450, 53.8706

Tritanomaly

105.0460, -19.2497, 107.8307

Monochromacy



Original Color

104.8040, -8.7774, 108.9199

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7430, -3.3243, 39.6904

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8040, -8.7774, 108.9199 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(229, 45, 87)` looks like.

```
.text, #text, p{  
    color:rgb(229, 45, 87)  
}
```

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(229, 45, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 45, 87) }
```

Border

The CSS property to change the border of an element to YUV 104.8040, -8.7774, 108.9199 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(229, 45, 87) }
```


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

```
.border{ border-color:rgb(229, 45, 87) }
```

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

Here you see how a box with a 4 pixel rgb(229, 45, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 45, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 45, 87);  
box-shadow:4px 4px 4px 4px rgb(229, 45,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 104.8040, -8.7774, 108.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 45, 87) }
```

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

```
.background{ background-color: rgb(229, 45,  
87) }
```

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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