

Converting Colors

YUV(123.6710, -3.7818,
93.2505)

Have a look what the booklet for
YUV(123.6710, -3.7818, 93.2505)
contains.

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Color

**YUV(123.6710, -3.7818,
93.2505)**

Conversions

Conversions Part 1

Format	Color
Hex	E64774
RGB	230, 71, 116
RGB Percent	90%, 28%, 45%
CMY	0.0980, 0.7216, 0.5451
CMYK	0.00, 0.69, 0.50, 0.10
HSL	343°, 76%, 59%
HSV	343°, 69%, 90%
XYZ	38.0388, 22.5904, 18.8785
YIQ	123.6710, 80.3190, 47.7030

Conversions

Conversions Part 2

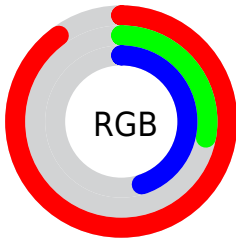
Format	Color
R_{YB}	230, 71, 116
Decimal	15091572
CIE _{Lab}	54.65, 63.95, 10.28
CIE _{LCh}	55, 64.772, 9.135
Yxy	22.5904, 0.4784, 0.2841
Android (android.graphics.Color)	4293281652 (0xFFE64774)
YUV	123.6710, -3.7818, 93.2505
Hunter-Lab	47.5294, 59.6808, 9.7208

Details

The YUV color **123.6710, -3.7818, 93.2505** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **177.3290, 3.7818, -93.2505**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1200, -1.5382, 73.5628**, and **58.2830, 4.7905, 97.0988** is the 20% darker color. If you saturate the color by 10%, you get **108.3460, -4.1146, 106.6906**, and if you desaturate by 10%, it is **138.9960, -3.4490, 79.8105**.

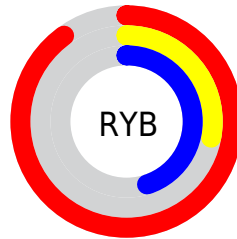
Distribution



Red (90%)

Green (28%)

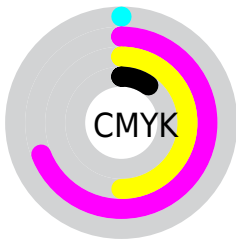
Blue (45%)



Red (90%)

Yellow (28%)

Blue (45%)

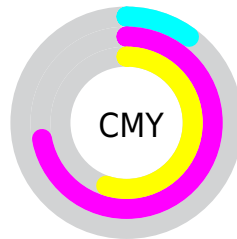


Cyan (0%)

Magenta (69%)

Yellow (50%)

Black (10%)



Cyan (10%)


Magenta (72%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.6710, -3.7818, 93.2505 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 123.6710, -3.7818, 93.2505 by changing the saturation by 10% instead.

 123.6710, -3.7818,
93.2505


 123.6710, -3.7818,
93.2505


255.0000, 0.0000,
0.0000

 92.2950, -0.1454,
93.5803


 171.1200, -1.5382,
73.5628


 58.2830, 4.7905,
97.0988


 191.2210, 1.8630,
55.9342


 46.8050, -0.3969,
80.8550


 211.4360, 5.7011,
38.2056

 35.5550, -4.7106,
64.4113

 231.6510, 9.5391,
20.4771

 24.1480, -10.9190,
48.9822

 249.7170, 2.6045,
4.6332

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 123.6710, -3.7818,
93.2505

■ 123.6710, -3.7818,
93.2505

■ 108.3460, -4.1146,
106.6906

■ 138.9960, -3.4490,
79.8105

■ 92.9070, -4.8842,
120.2306

■ 154.4350, -2.6795,
66.2705

■ 77.5820, -5.2169,
133.6706

■ 169.7600, -2.3467,
52.8305

■ 76.1800, -5.5117,
134.9001

■ 185.1990, -1.5771,
39.2905

■ 200.5240, -1.2443,
25.8505

■ 215.9630, -0.4748,
12.3104

■ 231.2880, -0.1420,
-1.1296

■ 246.7270, 0.6276,
-14.6696

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



129.9450, 20.7331, 70.2082



123.6710, -3.7818, 93.2505



124.6180, -30.3777, 83.6500

Triad

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



123.6710, -3.7818, 93.2505



113.8570, -40.3555, -29.6926



113.1930, 60.5439, -99.2703

Complementary

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



123.6710, -3.7818, 93.2505



177.3290, 3.7818, -93.2505

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.



113.7850, 42.5040, -99.7894



123.6710, -3.7818, 93.2505



100.4300, -6.1280, -88.0771

Square

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



123.6710, -3.7818, 93.2505



120.8170, -59.5628, 17.7005



108.3300, 19.0643, -95.0054



105.0720, 67.5055, -92.1481

Rectangle

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



123.6710, -3.7818, 93.2505



125.0400, -47.3477, 66.6169



108.3300, 19.0643, -95.0054



114.5150, 55.4551, -100.4297

Sweetspot

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



123.6710, -3.7818, 93.2505



218.9700, -0.9712, 31.5983



123.2120, 52.6465, 54.1881



106.5940, -0.7858, 18.7731



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.



123.6710, -3.7818, 93.2505



113.2280, -5.0424, 124.3340



138.4990, -33.2770, 80.2464



107.0440, -0.0217, 6.9774



59.3350, -4.1092, 104.9462



16.8450, -1.4026, 29.9539

Inverse Universe

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



123.6710, -3.7818, 93.2505



113.2280, -5.0424, 124.3340



162.5010, 33.2770, -80.2464



107.0440, -0.0217, 6.9774



59.3350, -4.1092, 104.9462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 123.6710, -3.7818, 93.2505 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 123.6710, -3.7818, 93.2505 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 123.6710, -3.7818, 93.2505

Background



This preview shows how black text looks on a background with the YUV color 123.6710, -3.7818, 93.2505.



This preview shows how white text looks on a background with the YUV color 123.6710, -3.7818,

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

123.6710, -3.7818, 93.2505

Protanopia

131.7530, 8.0098, -2.4144

Deuteranopia

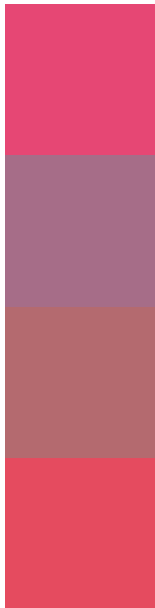
131.7220, -11.6949, 17.7838



Tritanopia

123.4200, -19.9271, 91.7167

Trichromacy



Original Color

123.6710, -3.7818, 93.2505

Protanomaly

129.1210, 3.3913, 32.3429

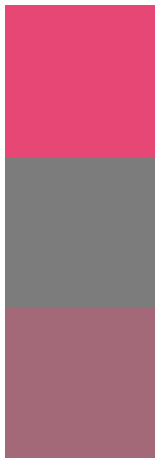
Deuteranomaly

128.6960, -8.7241, 44.9936

Tritanomaly

123.3260, -13.9647, 92.6761

Monochromacy



Original Color

123.6710, -3.7818, 93.2505

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1660, -1.5608, 34.0574

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6710, -3.7818, 93.2505 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(230, 71, 116)` looks like.

```
.text, #text, p{  
    color:rgb(230, 71, 116)  
}
```

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(230, 71, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 71, 116) }
```

Border

The CSS property to change the border of an element to YUV 123.6710, -3.7818, 93.2505 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(230, 71, 116) }
```


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

```
.border{ border-color:rgb(230, 71, 116) }
```

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

Here you see how a box with a 4 pixel rgb(230, 71, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 71, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 71, 116);  
box-shadow:4px 4px 4px 4px rgb(230, 71,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 123.6710, -3.7818, 93.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 71, 116) }
```

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

```
.background{ background-color: rgb(230, 71,  
116) }
```

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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