

Converting Colors

YUV(91.7120, 51.4140,
123.0326)

Have a look what the booklet for
YUV(91.7120, 51.4140, 123.0326)
contains.

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Color

**YUV(91.7120, 51.4140,
123.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	E800C4
RGB	232, 0, 196
RGB Percent	91%, 0%, 77%
CMY	0.0902, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.16, 0.09
HSL	309°, 100%, 45%
HSV	309°, 100%, 91%
XYZ	43.2425, 21.1413, 54.0261
YIQ	91.7120, 75.3560, 110.1400

Conversions

Conversions Part 2

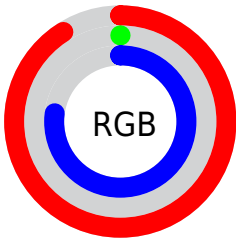
Format	Color
R_{YB}	232, 0, 196
Decimal	15204548
CIE _{Lab}	53.10, 86.70, -39.19
CIE _{LCh}	53, 95.142, 335.675
Yxy	21.1413, 0.3652, 0.1785
Android (android.graphics.Color)	4293394628 (0xFFE800C4)
YUV	91.7120, 51.4140, 123.0326
Hunter-Lab	45.9797, 87.4094, -37.4799

Details

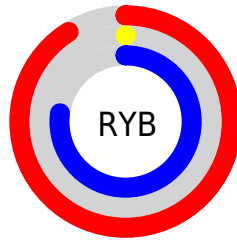
The YUV color **91.7120, 51.4140, 123.0326** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **140.2880, -51.4140, -123.0326**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6130, 44.5608, 81.0234**, and **67.3170, 36.8187, 90.9300** is the 20% darker color. If you saturate the color by 10%, you get **91.7120, 51.4140, 123.0326**, and if you desaturate by 10%, it is **105.6690, 46.5052, 110.7923**.

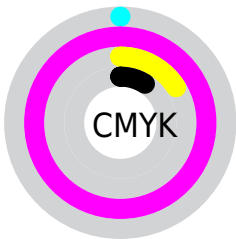
Distribution



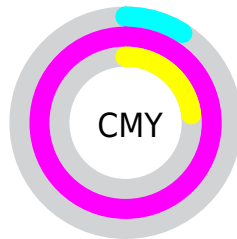
- Red (91%)
- Green (0%)
- Blue (77%)



- Red (91%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.7120, 51.4140, 123.0326 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 91.7120, 51.4140, 123.0326 by changing the saturation by 10% instead.


 91.7120, 51.4140,
123.0326


 91.7120, 51.4140,
123.0326


255.0000, 0.0000,
0.0000


 79.2510, 43.7533,
106.7739


 162.6130, 44.5608,
81.0234


 67.3170, 36.8187,
90.9300


 181.6250, 36.1739,
64.3499


 55.6820, 29.7368,
75.7009


 199.8220, 27.2028,
48.3911

 43.8620, 23.2390,
59.7570

 217.4320, 18.5210,
32.9471

 32.7540, 16.8833,
44.9427

 235.6290, 9.5499,
16.9884

 21.3470, 10.6749,
29.5137

 253.2390, 0.8682,

 8.6730, 6.0772,

1.5444

10.8108

■ 0.0000, 0.0000,
0.0000

■ 91.7120, 51.4140,
123.0326

■ 105.6690, 46.5052,
110.7923

■ 119.5120, 41.1596,
98.6520

■ 134.0560, 35.9614,
85.8969

■ 147.8990, 30.6158,
73.7566

■ 161.8560, 25.7070,
61.5163

■ 175.8130, 20.7982,
49.2760

■ 189.6560, 15.4526,
37.1357

■ 204.2000, 10.2544,
24.3806

■ 218.0430, 4.9088,
12.2403

Harmonies

Analogous

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



125.4990, 63.8440, 9.2094



91.7120, 51.4140, 123.0326



89.3550, 12.6430, 145.2707

Triad

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



91.7120, 51.4140, 123.0326



117.8820, -58.1158, 20.2745



118.6410, 50.9560, -104.0482

Complementary

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



91.7120, 51.4140, 123.0326



140.2880, -51.4140, -123.0326

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.



109.4070, 15.5753, -95.9499



91.7120, 51.4140, 123.0326



98.2490, -48.4368, -51.0844

Square

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



91.7120, 51.4140, 123.0326



117.3590, -57.8580, 77.7382



96.9130, -22.1421, -84.9927



118.8810, 67.1067, -104.2586

Rectangle

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



91.7120, 51.4140, 123.0326



83.3130, -10.5073, 150.5695



96.9130, -22.1421, -84.9927



116.2640, 39.3098, -101.9635

Sweetspot

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



91.7120, 51.4140, 123.0326



209.0200, 16.7521, 40.3245



36.9130, 96.1779, -1.6777



100.0860, 9.8176, 24.4806



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.



91.7120, 51.4140, 123.0326



100.7550, 56.3228, 135.2729



78.6020, 1.1822, 134.5300



107.7280, 2.5991, 6.3775



70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Inverse Universe

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



91.7120, 51.4140, 123.0326



100.7550, 56.3228, 135.2729



153.3980, -1.1822, -134.5300



107.7280, 2.5991, 6.3775



70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 91.7120, 51.4140, 123.0326 looks on a white background.

Color Contrast Check

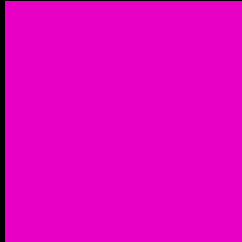
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.7120, 51.4140, 123.0326 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 91.7120, 51.4140, 123.0326

Background



This preview shows how black text looks on a background with the YUV color 91.7120, 51.4140, 123.0326.



This preview shows how white text looks on a background with the YUV color 91.7120, 51.4140,

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



Protanopia

114.1170, 69.4553, -64.1236

Deuteranopia

127.5180, 27.8456, -17.9943

Tritanopia

120.9250, -19.1900, 88.6428

Trichromacy



Protanomaly

105.9390, 63.1341, 3.5615

Deuteranomaly

114.4270, 36.2715, 32.9515

Tritanomaly

110.3590, 6.2320, 101.4172

Monochromacy



Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2100, 18.6305, 44.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7120, 51.4140, 123.0326 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(232, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 196)  
}
```

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(232, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 196) }
```

Border

The CSS property to change the border of an element to YUV 91.7120, 51.4140, 123.0326 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(232, 0, 196) }
```

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

```
.border{ border-color:rgb(232, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
196) }
```


Background

The CSS property to change the background color of an element to YUV 91.7120, 51.4140, 123.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 196) }
```

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

```
.background{ background-color: rgb(232, 0,  
196) }
```

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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