

Converting Colors

YUV(93.4260, 24.9330,
123.2834)

Have a look what the booklet for
YUV(93.4260, 24.9330, 123.2834)
contains.

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Color

**YUV(93.4260, 24.9330,
123.2834)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0C90
RGB	234, 12, 144
RGB Percent	92%, 5%, 56%
CMY	0.0824, 0.9529, 0.4353
CMYK	0.00, 0.95, 0.38, 0.08
HSL	324°, 90%, 48%
HSV	324°, 95%, 92%
XYZ	39.0972, 19.7690, 28.1407
YIQ	93.4260, 89.9400, 88.1160

Conversions

Conversions Part 2

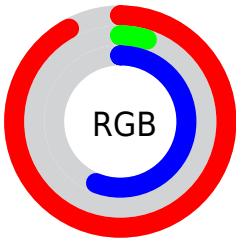
Format	Color
R_{YB}	234, 12, 144
Decimal	15338640
CIE _{Lab}	51.58, 80.58, -10.89
CIE _{LCh}	52, 81.314, 352.306
Yxy	19.7690, 0.4494, 0.2272
Android (android.graphics.Color)	4293528720 (0xFFEA0C90)
YUV	93.4260, 24.9330, 123.2834
Hunter-Lab	44.4623, 79.1519, -6.4017

Details

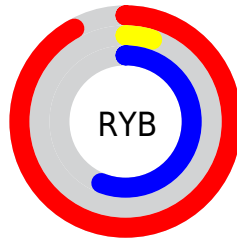
The YUV color **93.4260, 24.9330, 123.2834** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **152.5740, -24.9330, -123.2834**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3430, 20.5369, 86.5222**, and **62.1440, 15.7050, 96.3437** is the 20% darker color. If you saturate the color by 10%, you get **85.8120, 26.2217, 129.9609**, and if you desaturate by 10%, it is **107.9530, 22.2082, 110.5432**.

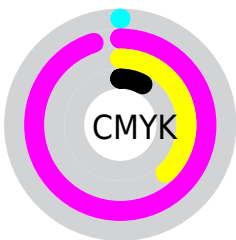
Distribution



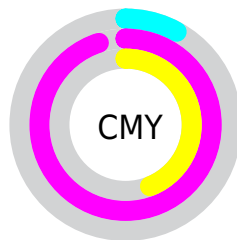
- Red (92%)
- Green (5%)
- Blue (56%)



- Red (92%)
- Yellow (5%)
- Blue (56%)



- Cyan (0%)
- Magenta (95%)
- Yellow (38%)
- Black (8%)



- Cyan (8%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.4260, 24.9330, 123.2834 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 93.4260, 24.9330, 123.2834 by changing the saturation by 10% instead.


 93.4260, 24.9330,
123.2834


 93.4260, 24.9330,
123.2834


255.0000, 0.0000,
0.0000


 74.1490, 21.6185,
113.0023


 156.3430, 20.5369,
86.5222


 62.1440, 15.7050,
96.3437


 178.3190, 23.5067,
67.2492

 50.4380, 9.6441,
80.2999


 199.1210, 27.0553,
49.0059

 38.9600, 4.4567,
64.0561

 216.8450, 18.8104,
33.4619

 28.0090, -0.0044,
48.2271

 234.4550, 10.1287,
18.0180

 16.0750, -6.9390,
32.3832

 252.6520, 1.1576,

 0.8970, -0.4422,

2.0592

1.8443

■ 0.0000, 0.0000,
0.0000

■ 93.4260, 24.9330,
123.2834

■ 93.4260, 24.9330,
123.2834

■ 85.8120, 26.2217,
129.9609

■ 107.9530, 22.2082,
110.5432

■ 123.1810, 19.6308,
97.1883

■ 137.7080, 16.9060,
84.4481

■ 152.9360, 14.3286,
71.0931

■ 167.4630, 11.6037,
58.3529

■ 182.1040, 9.3157,
45.5128

■ 197.2180, 6.3015,
32.2578

■ 211.8590, 4.0135,
19.4177

■ 226.9730, 0.9993,
6.1627

Harmonies

Analogous

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



121.7040, 43.0369, 56.3876



93.4260, 24.9330, 123.2834



96.4470, -10.5734, 125.0190

Triad

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



93.4260, 24.9330, 123.2834



109.1450, -53.8085, -8.0202



114.0250, 58.6547, -99.9999

Complementary

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



93.4260, 24.9330, 123.2834



152.5740, -24.9330, -123.2834

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.



109.0600, 32.0154, -95.6456



93.4260, 24.9330, 123.2834



88.0960, -33.0783, -77.2602

Square

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



93.4260, 24.9330, 123.2834



115.9540, -57.1653, 42.1363



100.2650, 0.8554, -87.9324



109.4890, 71.7369, -96.0219

Rectangle

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



93.4260, 24.9330, 123.2834



108.7360, -39.3098, 101.9635



100.2650, 0.8554, -87.9324



113.2610, 50.6503, -99.3299

Sweetspot

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



93.4260, 24.9330, 123.2834



210.0170, 7.8796, 39.4501



63.9190, 83.8499, 32.5200



100.1200, 4.8708, 24.4508



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.



93.4260, 24.9330, 123.2834



93.5730, 28.8045, 141.5715



80.8860, -23.1148, 134.2810



110.0870, 1.4361, 6.0627



66.4310, 20.4935, 100.4770



19.7940, 6.0176, 29.9987

Inverse Universe

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



93.4260, 24.9330, 123.2834



93.5730, 28.8045, 141.5715



165.1140, 23.1148, -134.2810



110.0870, 1.4361, 6.0627



66.4310, 20.4935, 100.4770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 93.4260, 24.9330, 123.2834 looks on a white background.

Color Contrast Check

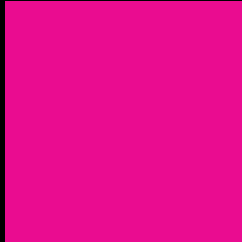
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.4260, 24.9330, 123.2834 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 93.4260, 24.9330, 123.2834

Background



This preview shows how black text looks on a background with the YUV color 93.4260, 24.9330, 123.2834.



This preview shows how white text looks on a background with the YUV color 93.4260, 24.9330,

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

93.4260, 24.9330, 123.2834

Protanopia

121.4210, 41.6974, -27.5562

Deuteranopia

125.7710, 4.0569, 5.4628



Tritanopia

109.3570, -24.3330, 104.9269

Trichromacy



Original Color

93.4260, 24.9330, 123.2834



Protanomaly

110.8670, 35.5616, 27.3036



Deuteranomaly

113.8100, 11.9257, 48.4016



Tritanomaly

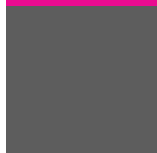
103.5100, -6.1674, 111.8087

Monochromacy



Original Color

93.4260, 24.9330, 123.2834



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

93.3920, 9.1737, 44.3832

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4260, 24.9330, 123.2834 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(234, 12, 144)` looks like.

```
.text, #text, p{  
    color:rgb(234, 12, 144)  
}
```

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(234, 12, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 12, 144) }
```

Border

The CSS property to change the border of an element to YUV 93.4260, 24.9330, 123.2834 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(234, 12, 144) }
```


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

```
.border{ border-color:rgb(234, 12, 144) }
```

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

Here you see how a box with a 4 pixel rgb(234, 12, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 12, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 12, 144);  
box-shadow:4px 4px 4px 4px rgb(234, 12,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 93.4260, 24.9330, 123.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 12, 144) }
```

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

```
.background{ background-color: rgb(234, 12,  
144) }
```

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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