

Converting Colors

YUV(94.9760, 57.6928,
115.7850)

Have a look what the booklet for
YUV(94.9760, 57.6928, 115.7850)
contains.

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Color

**YUV(94.9760, 57.6928,
115.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	E305D4
RGB	227, 5, 212
RGB Percent	89%, 2%, 83%
CMY	0.1098, 0.9804, 0.1686
CMYK	0.00, 0.98, 0.07, 0.11
HSL	304°, 96%, 45%
HSV	304°, 98%, 89%
XYZ	43.6165, 21.1929, 64.0791
YIQ	94.9760, 65.8650, 111.4410

Conversions

Conversions Part 2

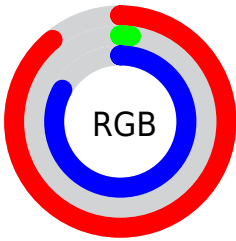
Format	Color
R_{YB}	227, 5, 212
Decimal	14878164
CIE _{Lab}	53.16, 87.56, -48.36
CIE _{LCh}	53, 100.027, 331.087
Yxy	21.1929, 0.3384, 0.1644
Android (android.graphics.Color)	4293068244 (0xFFE305D4)
YUV	94.9760, 57.6928, 115.7850
Hunter-Lab	46.0357, 88.5570, -50.3033

Details

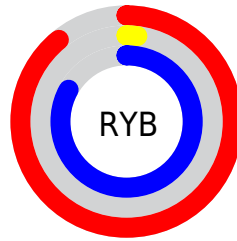
The YUV color **94.9760, 57.6928, 115.7850** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **137.0240, -57.6928, -115.7850**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 45.1450, 80.3086**, and **67.8310, 43.9603, 86.9712** is the 20% darker color. If you saturate the color by 10%, you get **92.0410, 59.1398, 118.3590**, and if you desaturate by 10%, it is **108.7050, 51.9104, 103.7447**.

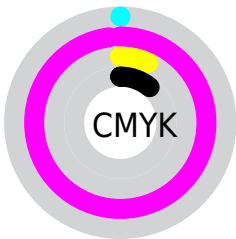
Distribution



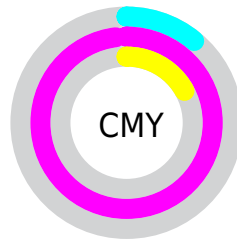
- Red (89%)
- Green (2%)
- Blue (83%)



- Red (89%)
- Yellow (2%)
- Blue (83%)



- Cyan (0%)
- Magenta (98%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9760, 57.6928, 115.7850 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 94.9760, 57.6928, 115.7850 by changing the saturation by 10% instead.


 94.9760, 57.6928,
115.7850


 94.9760, 57.6928,
115.7850


255.0000, 0.0000,
0.0000


 79.8790, 51.3317,
102.7151


 163.4280, 45.1450,
80.3086


 67.8310, 43.9603,
86.9712


 182.2120, 35.8845,
63.8351


 55.7830, 36.5890,
71.2273


 199.8220, 27.2028,
48.3911

 44.1480, 29.5070,
55.9982

 218.0190, 18.2316,
32.4323

 32.9260, 22.7145,
41.2839

 235.6290, 9.5499,
16.9884

 21.5190, 16.5061,
25.8548

253.8260, 0.5788,

 8.2470, 12.2032,

1.0296

5.9224

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 94.9760, 57.6928,
115.7850

■ 94.9760, 57.6928,
115.7850

■ 92.0410, 59.1398,
118.3590

■ 108.7050, 51.9104,
103.7447

■ 121.7330, 45.9806,
92.3192

■ 135.4620, 40.1982,
80.2788

■ 149.0770, 33.9790,
68.3385

■ 162.8060, 28.1966,
56.2981

■ 175.8340, 22.2668,
44.8726

■ 189.5630, 16.4844,
32.8322

■ 203.1780, 10.2652,
20.8919

■ 216.3200, 4.7722,
9.3664

Harmonies

Analogous

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



120.0510, 66.5299, -12.3227



94.9760, 57.6928, 115.7850



90.8370, 18.3214, 143.9710

Triad

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



94.9760, 57.6928, 115.7850



118.8230, -58.5797, 29.0962



119.0170, 47.3196, -104.3779

Complementary

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



94.9760, 57.6928, 115.7850



137.0240, -57.6928, -115.7850

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.



108.5120, 9.6076, -95.1650



94.9760, 57.6928, 115.7850



102.7450, -50.6533, -40.1184

Square

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



94.9760, 57.6928, 115.7850



115.0770, -56.7330, 90.2635



94.8780, -32.4779, -83.2080



120.6420, 66.2385, -105.8030

Rectangle

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



94.9760, 57.6928, 115.7850



84.4530, -6.1393, 149.5697



94.8780, -32.4779, -83.2080



115.8250, 35.0893, -101.5785

Sweetspot

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



94.9760, 57.6928, 115.7850



210.9920, 19.2309, 38.5950



34.7930, 94.7581, -12.9735



101.1290, 11.2754, 23.5659



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.



94.9760, 57.6928, 115.7850



103.3770, 66.3691, 132.9734



82.3220, 9.2083, 126.8826



107.8420, 3.0359, 6.2776



72.4450, 46.1226, 93.4487



20.7210, 13.4485, 26.5547

Inverse Universe

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



94.9760, 57.6928, 115.7850



103.3770, 66.3691, 132.9734



149.6780, -9.2083, -126.8826



107.8420, 3.0359, 6.2776



72.4450, 46.1226, 93.4487



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 94.9760, 57.6928, 115.7850 looks on a white background.

Color Contrast Check

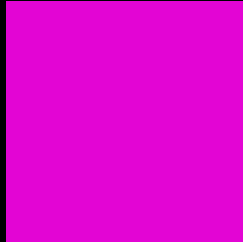
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9760, 57.6928, 115.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

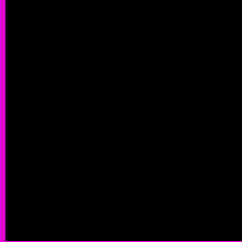
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.9760, 57.6928, 115.7850

Background



This preview shows how black text looks on a background with the YUV color 94.9760, 57.6928, 115.7850.



This preview shows how white text looks on a background with the YUV color 94.9760, 57.6928,

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

94.9760, 57.6928, 115.7850

Protanopia

113.5190, 69.7501, -65.3532

Deuteranopia

125.0310, 36.4667, -29.8452



Tritanopia

123.1520, -16.8369, 80.5507

Trichromacy



Original Color

94.9760, 57.6928, 115.7850



Protanomaly

106.7860, 65.1815, 0.1877



Deuteranomaly

113.8370, 44.4504, 22.9450



Tritanomaly

113.0420, 10.3323, 92.9252

Monochromacy



Original Color

94.9760, 57.6928, 115.7850



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.8830, 21.2567, 42.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9760, 57.6928, 115.7850 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(227, 5, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 5, 212)  
}
```

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(227, 5, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 5, 212) }
```

Border

The CSS property to change the border of an element to YUV 94.9760, 57.6928, 115.7850 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(227, 5, 212) }
```


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

```
.border{ border-color:rgb(227, 5, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 5, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 5, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 5, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 5,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 94.9760, 57.6928, 115.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 5, 212) }
```

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

```
.background{ background-color: rgb(227, 5,  
212) }
```

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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