

Converting Colors

YUV(97.0590, 55.1869,
126.2363)

Have a look what the booklet for
YUV(97.0590, 55.1869, 126.2363)
contains.

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Color

**YUV(97.0590, 55.1869,
126.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	F102D1
RGB	241, 2, 209
RGB Percent	95%, 1%, 82%
CMY	0.0549, 0.9922, 0.1804
CMYK	0.00, 0.99, 0.13, 0.05
HSL	308°, 98%, 48%
HSV	308°, 99%, 95%
XYZ	47.8060, 23.3476, 62.3085
YIQ	97.0590, 75.9970, 115.0450

Conversions

Conversions Part 2

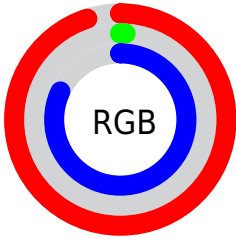
Format	Color
R _Y B	241, 2, 209
Decimal	15794897
CIE Lab	55.43, 89.75, -42.89
CIE LCh	55, 99.475, 334.457
Yxy	23.3476, 0.3582, 0.1749
Android (android.graphics.Color)	4293984977 (0xFFFF102D1)
YUV	97.0590, 55.1869, 126.2363
Hunter-Lab	48.3194, 92.0443, -42.6317

Details

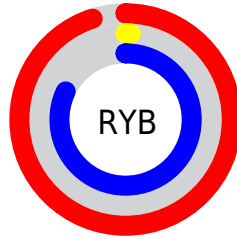
The YUV color **97.0590, 55.1869, 126.2363** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **145.9410, -55.1869, -126.2363**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **71.3760, 40.7336, 95.2632** is the 20% darker color. If you saturate the color by 10%, you get **95.8850, 55.7657, 127.2659**, and if you desaturate by 10%, it is **111.4890, 49.5519, 113.5811**.

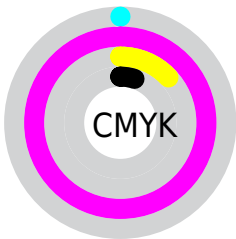
Distribution



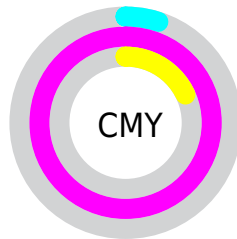
- Red (95%)
- Green (1%)
- Blue (82%)



- Red (95%)
- Yellow (1%)
- Blue (82%)



- Cyan (0%)
- Magenta (99%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.0590, 55.1869, 126.2363 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 97.0590, 55.1869, 126.2363 by changing the saturation by 10% instead.


 97.0590, 55.1869,
126.2363


 97.0590, 55.1869,
126.2363


255.0000, 0.0000,
0.0000


 83.4240, 48.1050,
111.0072


 164.6020, 44.5662,
79.2790


 71.3760, 40.7336,
95.2632


 183.3860, 35.3057,
62.8055

 59.3280, 33.3623,
79.5193


 201.5830, 26.3346,
46.8467

 47.5080, 26.8646,
63.5755

 219.7800, 17.3635,
30.8879

 35.9870, 20.2194,
48.2464

 237.3900, 8.6817,
15.4440

 24.9930, 14.3005,
33.3321

 13.4010, 8.6763,

17.1883

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 97.0590, 55.1869,
126.2363

■ 97.0590, 55.1869,
126.2363

■ 95.8850, 55.7657,
127.2659

■ 111.4890, 49.5519,
113.5811

■ 125.9190, 43.9169,
100.9260

■ 140.4630, 38.7187,
88.1709

■ 154.8930, 33.0838,
75.5158

■ 169.3230, 27.4488,
62.8607

■ 184.3400, 21.5244,
49.6908

■ 198.8840, 16.3262,
36.9357

■ 213.3140, 10.6912,
24.2806

■ 227.7440, 5.0562,
11.6255

Harmonies

Analogous

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



129.0210, 62.1076, 6.1206



97.0590, 55.1869, 126.2363



90.3810, 16.5742, 144.3709

Triad

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



97.0590, 55.1869, 126.2363



123.8070, -61.0369, 23.8483



124.2490, 52.1352, -108.9664

Complementary

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



97.0590, 55.1869, 126.2363



145.9410, -55.1869, -126.2363

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.



113.8580, 14.8600, -99.8535



97.0590, 55.1869, 126.2363



104.4510, -51.4943, -50.3845

Square

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



97.0590, 55.1869, 126.2363



122.1210, -60.2057, 84.0859



101.2670, -25.7676, -88.8112



123.5770, 64.7915, -108.3770

Rectangle

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



97.0590, 55.1869, 126.2363



83.9970, -7.8865, 149.9696



101.2670, -25.7676, -88.8112



121.1710, 40.3417, -106.2670

Sweetspot

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



97.0590, 55.1869, 126.2363



209.2480, 17.6257, 40.1245



38.8140, 99.6777, -4.2219



100.2000, 10.2544, 24.3806



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.



97.0590, 55.1869, 126.2363



101.4390, 58.9436, 134.6730



83.4930, 3.2080, 138.1336



112.7280, 2.5991, 6.3775



73.1420, 42.3280, 97.2225



22.3300, 13.1483, 29.5286

Inverse Universe

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



97.0590, 55.1869, 126.2363



101.4390, 58.9436, 134.6730



159.5070, -3.2080, -138.1336



112.7280, 2.5991, 6.3775



73.1420, 42.3280, 97.2225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 97.0590, 55.1869, 126.2363 looks on a white background.

Color Contrast Check

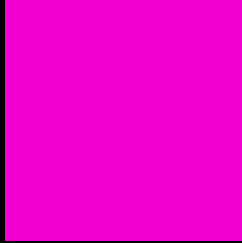
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0590, 55.1869, 126.2363 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 97.0590, 55.1869, 126.2363

Background



This preview shows how black text looks on a background with the YUV color 97.0590, 55.1869, 126.2363.



This preview shows how white text looks on a background with the YUV color 97.0590, 55.1869,

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

97.0590, 55.1869, 126.2363

Protanopia

123.9180, 64.6234, -54.3021

Deuteranopia

132.7070, 31.2034, -21.6680



Tritanopia

126.8220, -19.6322, 90.4871

Trichromacy



Original Color

97.0590, 55.1869, 126.2363



Protanomaly

113.8260, 61.2178, 11.5536



Deuteranomaly

119.4530, 40.2027, 32.0517



Tritanomaly

116.0110, 7.3896, 103.4764

Monochromacy



Original Color

97.0590, 55.1869, 126.2363



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.6770, 20.3722, 45.8873

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0590, 55.1869, 126.2363 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(241, 2, 209)` looks like.

```
.text, #text, p{  
    color:rgb(241, 2, 209)  
}
```

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(241, 2, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 2, 209) }
```

Border

The CSS property to change the border of an element to YUV 97.0590, 55.1869, 126.2363 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(241, 2, 209) }
```


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

```
.border{ border-color:rgb(241, 2, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 2, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 2, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 2, 209);  
box-shadow:4px 4px 4px 4px rgb(241, 2,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 97.0590, 55.1869, 126.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 2, 209) }
```

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

```
.background{ background-color: rgb(241, 2,  
209) }
```

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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