

Converting Colors

YUV(103.9620, 65.5877,
103.5193)

Have a look what the booklet for
YUV(103.9620, 65.5877, 103.5193)
contains.

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Color

**YUV(103.9620, 65.5877,
103.5193)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DE12ED |
| RGB | 222, 18, 237 |
| RGB Percent | 87%, 7%, 93% |
| CMY | 0.1294, 0.9294, 0.0706 |
| CMYK | 0.06, 0.92, 0.00, 0.07 |
| HSL | 296°, 86%, 50% |
| HSV | 296°, 92%, 93% |
| XYZ | 45.6266, 22.0766, 81.9772 |
| YIQ | 103.9620, 51.2850, 111.3570 |

Conversions

Conversions Part 2

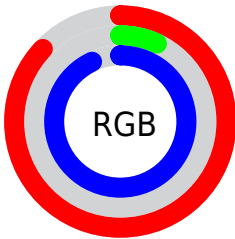
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 222, 18, 237 |
| Decimal | 14553837 |
| CIE _{Lab} | 54.11, 89.31, -61.07 |
| CIE _{LCh} | 54, 108.191, 325.635 |
| Yxy | 22.0766, 0.3048, 0.1475 |
| Android (android.graphics.Color) | 4292743917 (0xFFDE12ED) |
| YUV | 103.9620, 65.5877, 103.5193 |
| Hunter-Lab | 46.9858, 91.1112, -70.5546 |

Details

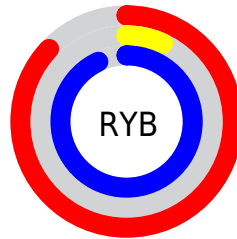
The YUV color **103.9620, 65.5877, 103.5193** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **151.0380, -65.5877, -103.5193**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1890, 44.2768, 78.7642**, and **68.9580, 54.7437, 81.5978** is the 20% darker color. If you saturate the color by 10%, you get **93.0970, 70.9442, 112.1709**, and if you desaturate by 10%, it is **118.6480, 58.3475, 92.3937**.

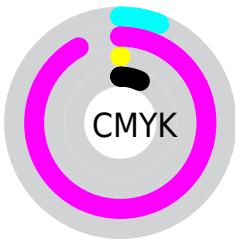
Distribution



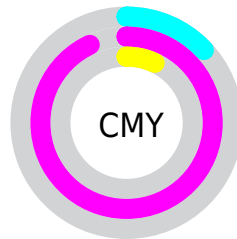
- Red (87%)
- Green (7%)
- Blue (93%)



- Red (87%)
- Yellow (7%)
- Blue (93%)



- Cyan (6%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)





- Cyan (13%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.9620, 65.5877, 103.5193 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 103.9620, 65.5877, 103.5193 by changing the saturation by 10% instead.


 103.9620, 65.5877,
103.5193


 103.9620, 65.5877,
103.5193


255.0000, 0.0000,
0.0000


 81.1200, 62.5518,
97.2418


 165.1890, 44.2768,
78.7642


 68.9580, 54.7437,
81.5978


 183.9730, 35.0163,
62.2907

 56.9100, 47.3724,
65.8539


 201.5830, 26.3346,
46.8467

 45.1610, 39.8536,
50.7248

 219.7800, 17.3635,
30.8879

 33.5260, 32.7717,
35.4957

 237.3900, 8.6817,
15.4440

 21.7060, 26.2739,
19.5518

 6.7110, 21.8345,

-3.2545

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 103.9620, 65.5877,
103.5193

■ 103.9620, 65.5877,
103.5193

■ 93.0970, 70.9442,
112.1709

■ 118.6480, 58.3475,
92.3937

■ 132.4480, 51.5441,
81.1681

■ 147.1340, 44.3039,
70.0425

■ 161.5210, 37.2111,
58.3021

■ 175.6200, 30.2603,
47.6913

■ 190.3060, 23.0201,
36.5656

■ 204.6930, 15.9274,
24.8252

■ 219.3790, 8.6872,
13.6996

■ 233.4780, 1.7363,
3.0888

Harmonies

Analogous

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



95.1240, 78.8189, -80.7927



103.9620, 65.5877, 103.5193



93.0030, 26.6205, 142.0714

Triad

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



103.9620, 65.5877, 103.5193



122.1450, -60.2175, 41.0918



120.6810, 43.5413, -105.8372

Complementary

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



103.9620, 65.5877, 103.5193



151.0380, -65.5877, -103.5193

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.



108.5630, 2.1874, -95.2098



103.9620, 65.5877, 103.5193



108.7140, -53.5960, -29.5672

Square

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



103.9620, 65.5877, 103.5193



111.6540, -55.0454, 109.0514



92.7460, -45.7238, -81.3382



124.1640, 64.5021, -108.8918

Rectangle

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



103.9620, 65.5877, 103.5193



86.1630, 0.4126, 148.0700



92.7460, -45.7238, -81.3382



117.1470, 30.0005, -102.7379

Sweetspot

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



103.9620, 65.5877, 103.5193



211.8280, 21.2838, 33.4768



53.5320, 90.4497, -31.1616



101.2750, 13.1754, 20.8068



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.



103.9620, 65.5877, 103.5193



100.2320, 76.3006, 120.8225



98.0730, 23.6280, 121.8390



110.2440, 3.3307, 5.0480



71.1650, 54.1487, 85.8013



21.1060, 16.2167, 25.3400

Inverse Universe

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



85.1910, -25.7302, 133.1365



78.1830, -30.1632, 155.0685



156.9270, -23.6280, -121.8390



109.2890, -1.6215, 6.7625



55.4870, -21.4391, 110.0749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 103.9620, 65.5877, 103.5193 looks on a white background.

Color Contrast Check

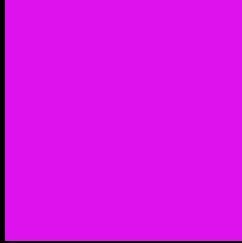
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9620, 65.5877, 103.5193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

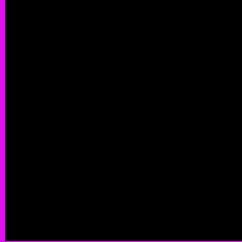
Any Text WCAG AA ✓ Pass

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 103.9620, 65.5877, 103.5193 Background



This preview shows how black text looks on a background with the YUV color 103.9620, 65.5877, 103.5193.



This preview shows how white text looks on a background with the YUV color 103.9620, 65.5877, 103.5193.

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

103.9620, 65.5877, 103.5193

Protanopia

117.0850, 67.9921, -61.4645

Deuteranopia

120.2590, 50.6513, -52.8471



Tritanopia

128.1720, -13.8888, 68.2552

Trichromacy



Original Color

103.9620, 65.5877, 103.5193



Protanomaly

112.5300, 66.7867, -1.3418



Deuteranomaly

114.4030, 56.0033, 4.0316



Tritanomaly

119.2300, 15.1696, 81.3593

Monochromacy



Original Color

103.9620, 65.5877, 103.5193



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.1320, 23.5989, 37.5952

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9620, 65.5877, 103.5193 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(222, 18, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 18, 237)  
}
```

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(222, 18, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 18, 237) }
```

Border

The CSS property to change the border of an element to YUV 103.9620, 65.5877, 103.5193 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(222, 18, 237) }
```


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

```
.border{ border-color:rgb(222, 18, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 18, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 18, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 18, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 18,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 103.9620, 65.5877, 103.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 18, 237) }
```

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

```
.background{ background-color: rgb(222, 18,  
237) }
```

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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