

Converting Colors

YUV(96.2830, 52.1185,
130.4248)

Have a look what the booklet for
YUV(96.2830, 52.1185, 130.4248)
contains.

YUV(96.2830, 52.1185, 130.4248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(96.2830, 52.1185,
130.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	F500CA
RGB	245, 0, 202
RGB Percent	96%, 0%, 79%
CMY	0.0392, 1.0000, 0.2078
CMYK	0.00, 1.00, 0.18, 0.04
HSL	311°, 100%, 48%
HSV	311°, 100%, 96%
XYZ	48.3169, 23.6767, 57.9006
YIQ	96.2830, 81.1780, 114.7620

Conversions

Conversions Part 2

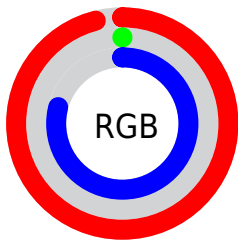
Format	Color
R _Y B	245, 0, 202
Decimal	16056522
CIE Lab	55.76, 89.72, -38.30
CIE LCh	56, 97.559, 336.882
Yxy	23.6767, 0.3720, 0.1823
Android (android.graphics.Color)	4294246602 (0xFFFF500CA)
YUV	96.2830, 52.1185, 130.4248
Hunter-Lab	48.6588, 92.0930, -36.4899

Details

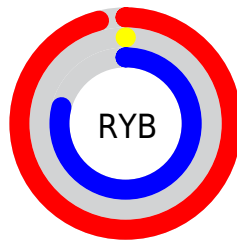
The YUV color **96.2830, 52.1185, 130.4248** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **148.7170, -52.1185, -130.4248**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **71.7740, 37.0864, 98.4222** is the 20% darker color. If you saturate the color by 10%, you get **96.2830, 52.1185, 130.4248**, and if you desaturate by 10%, it is **110.8270, 46.9203, 117.6697**.

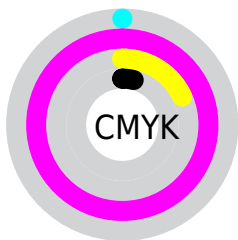
Distribution



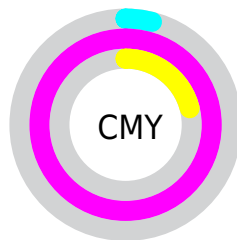
- Red (96%)
- Green (0%)
- Blue (79%)



- Red (96%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2830, 52.1185, 130.4248 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 96.2830, 52.1185, 130.4248 by changing the saturation by 10% instead.


 96.2830, 52.1185,
130.4248


 96.2830, 52.1185,
130.4248

255.0000, 0.0000,
0.0000


 83.8220, 44.4578,
114.1661

 164.6020, 44.5662,
79.2790


 71.7740, 37.0864,
98.4222

 183.3860, 35.3057,
62.8055

 59.5410, 30.2993,
81.9635


 201.5830, 26.3346,
46.8467

 48.0200, 23.6541,
66.6345

 219.7800, 17.3635,
30.8879

 36.3140, 17.5932,
50.5906

 237.9770, 8.3923,
14.9292

 25.2060, 11.2374,
35.7763

 13.7280, 6.0501,

19.5325

■ 0.0000, 0.0000,
0.0000

■ 96.2830, 52.1185,
130.4248

■ 110.8270, 46.9203,
117.6697

■ 126.0720, 41.8695,
104.2999

■ 141.2030, 36.3819,
91.0300

■ 155.7470, 31.1837,
78.2749

■ 170.9920, 26.1329,
64.9050

■ 185.5360, 20.9348,
52.1499

■ 200.0800, 15.7366,
39.3948

■ 215.2110, 10.2490,
26.1250

■ 230.4560, 5.1982,
12.7551

Harmonies

Analogous

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



132.0330, 60.6227, 15.7571



96.2830, 52.1185, 130.4248



89.6970, 13.9534, 144.9707

Triad

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



96.2830, 52.1185, 130.4248



124.0730, -61.1680, 19.2300



124.8190, 54.3192, -109.4663

Complementary

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



96.2830, 52.1185, 130.4248



148.7170, -52.1185, -130.4248

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.



115.3570, 18.0650, -101.1681



96.2830, 52.1185, 130.4248



102.0480, -50.3097, -57.0471

Square

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



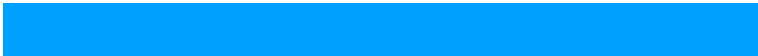
96.2830, 52.1185, 130.4248



124.4470, -61.3524, 78.5380



103.1080, -21.2522, -90.4257



122.9900, 65.0809, -107.8622

Rectangle

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



96.2830, 52.1185, 130.4248



83.5410, -9.6337, 150.3695



103.1080, -21.2522, -90.4257



122.4420, 42.6731, -107.3816

Sweetspot

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



96.2830, 52.1185, 130.4248



208.9060, 16.3153, 40.4244



40.1890, 100.9718, 0.7112



99.9720, 9.3808, 24.5806



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.



96.2830, 52.1185, 130.4248



100.1850, 54.1388, 135.7728



82.6030, -0.2973, 142.4222



114.7280, 2.5991, 6.3775



73.0560, 39.4124, 99.0519



23.1130, 12.2693, 31.4729

Inverse Universe

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



96.2830, 52.1185, 130.4248



100.1850, 54.1388, 135.7728



162.3970, 0.2973, -142.4222



114.7280, 2.5991, 6.3775



73.0560, 39.4124, 99.0519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 96.2830, 52.1185, 130.4248 looks on a white background.

Color Contrast Check

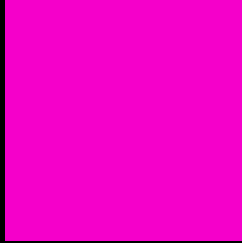
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.2830, 52.1185, 130.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

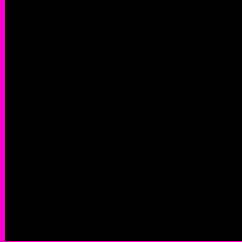
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.2830, 52.1185, 130.4248

Background



This preview shows how black text looks on a background with the YUV color 96.2830, 52.1185, 130.4248.



This preview shows how white text looks on a background with the YUV color 96.2830, 52.1185,

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

125.7010, 63.7444, -52.3578

Deuteranopia

134.3010, 26.9666, -16.0500

Tritanopia

126.8010, -21.1009, 94.8905

Trichromacy



Protanomaly

114.7940, 59.7546, 14.2127

Deuteranomaly

120.7480, 36.1132, 37.0550

Tritanomaly

115.8760, 5.4841, 107.9797

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0470, 19.2038, 47.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2830, 52.1185, 130.4248 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(245, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 202)  
}
```

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(245, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 202) }
```

Border

The CSS property to change the border of an element to YUV 96.2830, 52.1185, 130.4248 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(245, 0, 202) }
```

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

```
.border{ border-color:rgb(245, 0, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 0, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
202) }
```


Background

The CSS property to change the background color of an element to YUV 96.2830, 52.1185, 130.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 202) }
```

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

```
.background{ background-color: rgb(245, 0,  
202) }
```

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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