

Converting Colors

YUV(108.2430, 52.6312,
105.9039)

Have a look what the booklet for
YUV(108.2430, 52.6312, 105.9039)
contains.

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Color

**YUV(108.2430, 52.6312,
105.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	E51AD7
RGB	229, 26, 215
RGB Percent	90%, 10%, 84%
CMY	0.1020, 0.8980, 0.1569
CMYK	0.00, 0.89, 0.06, 0.10
HSL	304°, 80%, 50%
HSV	304°, 89%, 90%
XYZ	44.9482, 22.3031, 66.2259
YIQ	108.2430, 60.3190, 101.8150

Conversions

Conversions Part 2

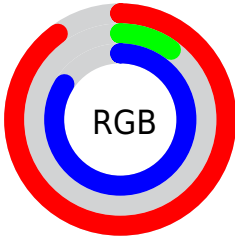
Format	Color
R _{YB}	229, 26, 215
Decimal	15014615
CIE Lab	54.35, 86.33, -48.17
CIE LCh	54, 98.856, 330.841
Yxy	22.3031, 0.3367, 0.1671
Android (android.graphics.Color)	4293204695 (0xFFE51AD7)
YUV	108.2430, 52.6312, 105.9039
Hunter-Lab	47.2262, 87.2444, -50.0848

Details

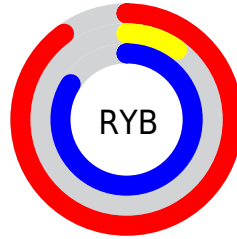
The YUV color **108.2430, 52.6312, 105.9039** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **146.7570, -52.6312, -105.9039**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 43.4087, 77.2199**, and **68.6570, 44.5391, 88.0008** is the 20% darker color. If you saturate the color by 10%, you get **94.5140, 58.4136, 117.9442**, and if you desaturate by 10%, it is **121.9720, 46.8488, 93.8636**.

Distribution



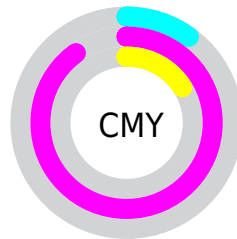
- Red (90%)
- Green (10%)
- Blue (84%)



- Red (90%)
- Yellow (10%)
- Blue (84%)



- Cyan (0%)
- Magenta (89%)
- Yellow (6%)
- Black (10%)




- Cyan (10%)
- Magenta (90%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.2430, 52.6312, 105.9039 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 108.2430, 52.6312, 105.9039 by changing the saturation by 10% instead.

 108.2430, 52.6312,
105.9039


 108.2430, 52.6312,
105.9039


255.0000, 0.0000,
0.0000


 80.8190, 52.3472,
103.6447


 166.9500, 43.4087,
77.2199


 68.6570, 44.5391,
88.0008


 185.1470, 34.4375,
61.2611

 56.7230, 37.6046,
72.1569


 202.7570, 25.7558,
45.8171

 45.0880, 30.5226,
56.9278

 220.9540, 16.7847,
29.8583

 33.8660, 23.7301,
42.2135

 238.5640, 8.1029,
14.4144

 22.4590, 17.5217,
26.7845

 9.9700, 12.3398,

8.7963

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 108.2430, 52.6312,
105.9039

■ 108.2430, 52.6312,
105.9039

■ 94.5140, 58.4136,
117.9442

■ 121.9720, 46.8488,
93.8636

■ 92.7530, 59.2818,
119.4886

■ 135.5870, 40.6296,
81.9232

■ 149.3160, 34.8472,
69.8829

■ 162.9310, 28.6280,
57.9425

176.0730, 23.1350,
46.4170

189.6880, 16.9158,
34.4766

203.4170, 11.1334,
22.4363

217.1460, 5.3510,
10.3960

230.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



123.5950, 64.7827, -11.9228



108.2430, 52.6312, 105.9039



91.2930, 20.0686, 143.5710

Triad

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



108.2430, 52.6312, 105.9039



121.7800, -60.0375, 30.0109



121.0060, 47.3250, -106.1223

Complementary

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



108.2430, 52.6312, 105.9039



146.7570, -52.6312, -105.9039

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.



110.5010, 9.6130, -96.9094



108.2430, 52.6312, 105.9039



106.5990, -52.5533, -37.3593

Square

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



108.2430, 52.6312, 105.9039



118.3220, -58.3327, 90.0486



97.0950, -31.5988, -85.1523



122.4030, 65.3703, -107.3474

Rectangle

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



108.2430, 52.6312, 105.9039



84.9090, -4.3921, 149.1698



97.0950, -31.5988, -85.1523



117.8140, 35.0947, -103.3229

Sweetspot

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



108.2430, 52.6312, 105.9039



213.9270, 17.7840, 36.0210



53.3280, 86.6063, -11.6887



103.5910, 10.5546, 21.4067



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.



108.2430, 52.6312, 105.9039



103.2630, 65.9323, 133.0733



96.7290, 8.5146, 116.0017



107.8420, 3.0359, 6.2776



72.4450, 46.1226, 93.4487



20.6070, 13.0117, 26.6547

Inverse Universe

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



108.2430, 52.6312, 105.9039



103.2630, 65.9323, 133.0733



158.2710, -8.5146, -116.0017



107.8420, 3.0359, 6.2776



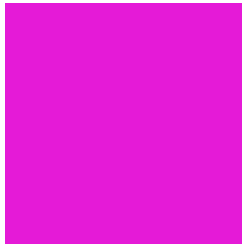
72.4450, 46.1226, 93.4487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 108.2430, 52.6312, 105.9039 looks on a white background.

Color Contrast Check

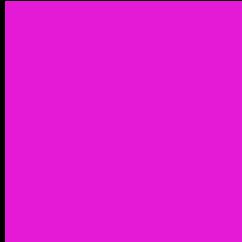
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.2430, 52.6312, 105.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

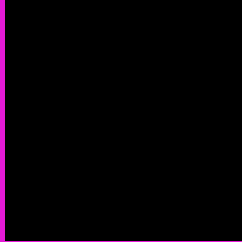
Any Text WCAG AA ✓ Pass

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 108.2430, 52.6312, 105.9039 Background



This preview shows how black text looks on a background with the YUV color 108.2430, 52.6312, 105.9039.



This preview shows how white text looks on a background with the YUV color 108.2430, 52.6312, 105.9039.

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

108.2430, 52.6312, 105.9039

Protanopia

118.5690, 67.2605, -60.1350

Deuteranopia

127.4440, 36.7561, -29.3304



Tritanopia

126.4400, -16.9789, 79.4211

Trichromacy



Original Color

108.2430, 52.6312, 105.9039



Protanomaly

114.5750, 61.8345, 0.3727



Deuteranomaly

120.3590, 42.7140, 19.8562



Tritanomaly

119.8520, 8.4540, 88.7068

Monochromacy



Original Color

108.2430, 52.6312, 105.9039



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.9920, 19.2309, 38.5950

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2430, 52.6312, 105.9039 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(229, 26, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 26, 215)  
}
```

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(229, 26, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 26, 215) }
```

Border

The CSS property to change the border of an element to YUV 108.2430, 52.6312, 105.9039 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(229, 26, 215) }
```


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

```
.border{ border-color:rgb(229, 26, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 26, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 26, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 26, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 26,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 108.2430, 52.6312, 105.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 26, 215) }
```

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

```
.background{ background-color: rgb(229, 26,  
215) }
```

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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