

Converting Colors

YUV(138.6540, 32.2156,
73.9714)

Have a look what the booklet for
YUV(138.6540, 32.2156, 73.9714)
contains.

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Color

**YUV(138.6540, 32.2156,
73.9714)**

Conversions

Conversions Part 1

Format	Color
Hex	DF53CC
RGB	223, 83, 204
RGB Percent	87%, 33%, 80%
CMY	0.1255, 0.6745, 0.2000
CMYK	0.00, 0.63, 0.09, 0.13
HSL	308°, 69%, 60%
HSV	308°, 63%, 87%
XYZ	44.4238, 26.2341, 59.8490
YIQ	138.6540, 44.5990, 67.3110

Conversions

Conversions Part 2

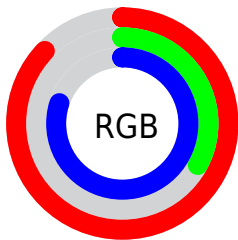
Format	Color
R_{YB}	223, 83, 204
Decimal	14635980
CIE _{Lab}	58.26, 67.95, -35.80
CIE _{LCh}	58, 76.801, 332.217
Yxy	26.2341, 0.3404, 0.2010
Android (android.graphics.Color)	4292826060 (0xFFDF53CC)
YUV	138.6540, 32.2156, 73.9714
Hunter-Lab	51.2193, 65.1839, -33.4261

Details

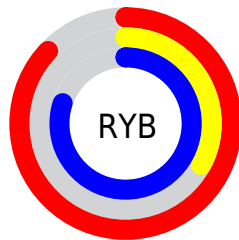
The YUV color **138.6540, 32.2156, 73.9714** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **167.3460, -32.2156, -73.9714**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **68.9570, 39.4612, 83.3527** is the 20% darker color. If you saturate the color by 10%, you get **125.3980, 37.2718, 85.5970**, and if you desaturate by 10%, it is **151.9100, 27.1594, 62.3459**.

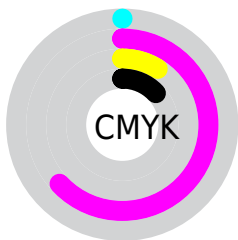
Distribution



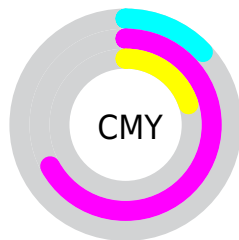
- Red (87%)
- Green (33%)
- Blue (80%)



- Red (87%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (63%)
- Yellow (9%)
- Black (13%)




- Cyan (13%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.6540, 32.2156, 73.9714 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 138.6540, 32.2156, 73.9714 by changing the saturation by 10% instead.


 138.6540, 32.2156,
73.9714


 138.6540, 32.2156,
73.9714


255.0000, 0.0000,
0.0000


 108.2950, 33.3786,
74.2863


 188.0820, 32.9906,
58.6871


 68.9570, 39.4612,
83.3527


 204.5180, 24.8876,
44.2727


 54.6860, 33.6788,
71.3124

 221.5410, 16.4953,
29.3435

 43.4640, 26.8862,
56.5981

 239.1510, 7.8136,
13.8996

 32.3560, 20.5305,
41.7838

 22.2590, 14.1693,
28.7139

 9.7700, 8.9874,

10.7257

■ 0.0000, 0.0000,
0.0000

■ 138.6540, 32.2156,
73.9714

■ 138.6540, 32.2156,
73.9714

■ 125.3980, 37.2718,
85.5970

■ 151.9100, 27.1594,
62.3459

■ 111.5550, 42.6174,
97.7373

■ 165.7530, 21.8138,
50.2056

■ 98.2990, 47.6736,
109.3628

■ 179.0090, 16.7576,
38.5801

■ 88.6790, 51.4303,
117.7995

■ 192.2650, 11.7014,
26.9546

■ 206.1080, 6.3558,
14.8143

■ 219.3640, 1.2995,
3.1888

■ 232.6200, -3.7567,
-8.4367

■ 242.3540, -7.0765,
-16.9735

■ 242.6960, -5.7661,
-17.2734

Harmonies

Analogous

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



141.0820, 56.1616, -0.0719



138.6540, 32.2156, 73.9714



126.0230, 5.9047, 113.1128

Triad

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



138.6540, 32.2156, 73.9714



130.6290, -64.4001, 29.2664



123.1430, 42.8205, -107.9964

Complementary

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



138.6540, 32.2156, 73.9714



167.3460, -32.2156, -73.9714

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.



115.5050, 13.5550, -101.2979



138.6540, 32.2156, 73.9714



119.9770, -59.1487, -21.9048

Square

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



138.6540, 32.2156, 73.9714



130.6270, -64.3991, 75.7491



105.1770, -15.8633, -92.2402



124.7510, 64.2128, -109.4066

Rectangle

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



138.6540, 32.2156, 73.9714



126.2900, -15.9190, 112.8787



105.1770, -15.8633, -92.2402



121.3360, 33.3584, -106.4117

Sweetspot

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



138.6540, 32.2156, 73.9714



226.0260, 10.8332, 25.4102



104.6410, 58.3510, -2.3162



109.9340, 6.9345, 15.8439



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.



138.6540, 32.2156, 73.9714



139.9190, 43.9169, 100.9260



130.6740, 1.6397, 80.9699



105.4290, 2.7465, 5.7628



69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Inverse Universe

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



138.6540, 32.2156, 73.9714



139.9190, 43.9169, 100.9260



175.3260, -1.6397, -80.9699



105.4290, 2.7465, 5.7628



69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 138.6540, 32.2156, 73.9714 looks on a white background.

Color Contrast Check

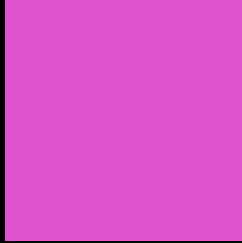
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6540, 32.2156, 73.9714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

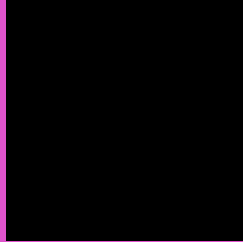
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6540, 32.2156, 73.9714

Background



This preview shows how black text looks on a background with the YUV color 138.6540, 32.2156, 73.9714.



This preview shows how white text looks on a background with the YUV color 138.6540, 32.2156, 73.9714.

73.9714.

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

138.6540, 32.2156, 73.9714

Protanopia

134.9320, 56.7285, -42.0364

Deuteranopia

140.3010, 26.9666, -16.0500



Tritanopia

140.4920, -12.5676, 64.4665

Trichromacy



Original Color

138.6540, 32.2156, 73.9714



Protanomaly

135.9050, 47.8678, 0.0833



Deuteranomaly

139.9660, 28.6108, 16.6928



Tritanomaly

139.7540, 3.5723, 67.7447

Monochromacy



Original Color

138.6540, 32.2156, 73.9714



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.2650, 11.7014, 26.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6540, 32.2156, 73.9714 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(223, 83, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 83, 204)  
}
```

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(223, 83, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 83, 204) }
```

Border

The CSS property to change the border of an element to YUV 138.6540, 32.2156, 73.9714 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(223, 83, 204) }
```


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

```
.border{ border-color:rgb(223, 83, 204) }
```

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

Here you see how a box with a 4 pixel rgb(223, 83, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 83, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 83, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 83,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 138.6540, 32.2156, 73.9714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 83, 204) }
```

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

```
.background{ background-color: rgb(223, 83,  
204) }
```

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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