

Converting Colors

YUV(156.2430, 5.3032, 72.5779)

Have a look what the booklet for
YUV(156.2430, 5.3032, 72.5779)
contains.

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Color

**YUV(156.2430, 5.3032,
72.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	EF70A7
RGB	239, 112, 167
RGB Percent	94%, 44%, 65%
CMY	0.0627, 0.5608, 0.3451
CMYK	0.00, 0.53, 0.30, 0.06
HSL	334°, 80%, 69%
HSV	334°, 53%, 94%
XYZ	48.3658, 32.7291, 40.3274
YIQ	156.2430, 58.0370, 44.0290

Conversions

Conversions Part 2

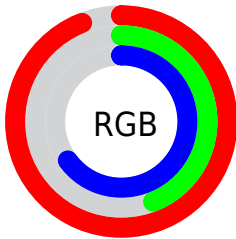
Format	Color
R_{YB}	239, 112, 167
Decimal	15691943
CIE _{Lab}	63.94, 54.61, -5.80
CIE _{LCh}	64, 54.915, 353.937
Yxy	32.7291, 0.3983, 0.2695
Android (android.graphics.Color)	4293882023 (0xFFEF70A7)
YUV	156.2430, 5.3032, 72.5779
Hunter-Lab	57.2093, 50.7908, -1.7475

Details

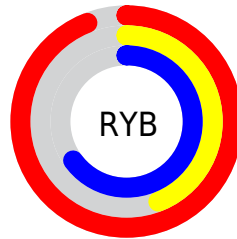
The YUV color **156.2430, 5.3032, 72.5779** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **194.7570, -5.3032, -72.5779**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1690, 10.7627, 48.0868**, and **100.3890, 7.2032, 69.8188** is the 20% darker color. If you saturate the color by 10%, you get **140.5590, 6.1334, 86.3328**, and if you desaturate by 10%, it is **171.9270, 4.4730, 58.8230**.

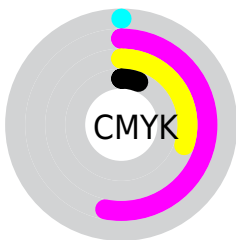
Distribution



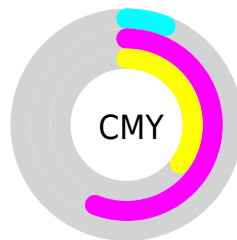
- Red (94%)
- Green (44%)
- Blue (65%)



- Red (94%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2430, 5.3032, 72.5779 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 156.2430, 5.3032, 72.5779 by changing the saturation by 10% instead.

 156.2430, 5.3032,
72.5779


 156.2430, 5.3032,
72.5779


255.0000, 0.0000,
0.0000

 128.4600, 6.1822,
70.6336


 200.1690, 10.7627,
48.0868

 100.3890, 7.2032,
69.8188

 219.9110, 15.3269,
30.7731


 69.6110, 10.5448,
71.3782

 237.3900, 8.6817,
15.4440

 44.4150, 11.1344,
68.9190

254.4130, 0.2894,
0.5148

 33.5350, 5.6522,
53.9048

 23.1820, 0.8963,
39.3054

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 156.2430, 5.3032,
72.5779

■ 156.2430, 5.3032,
72.5779

■ 140.5590, 6.1334,
86.3328

■ 171.9270, 4.4730,
58.8230

■ 124.9890, 7.4004,
99.9876

■ 187.4970, 3.2060,
45.1681

■ 109.3050, 8.2306,
113.7425

■ 203.1810, 2.3758,
31.4133

■ 93.7350, 9.4976,
127.3974

■ 218.7510, 1.1088,
17.7584

■ 83.3170, 10.1967,
136.5340

■ 233.8480, 0.5679,
4.5183

249.4180, -0.6991,
-9.1366

250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



159.5390, 26.3563, 39.8693



156.2430, 5.3032, 72.5779



153.3260, -17.4157, 79.5211

Triad

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



156.2430, 5.3032, 72.5779



145.7510, -42.7682, -2.4126



128.7000, 51.4199, -112.8699

Complementary

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



156.2430, 5.3032, 72.5779



194.7570, -5.3032, -72.5779

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.



127.0750, 32.5010, -111.4448



156.2430, 5.3032, 72.5779



137.4860, -20.9456, -48.6612

Square

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



156.2430, 5.3032, 72.5779



150.2010, -48.4131, 34.9037



120.7880, 10.9505, -105.9311



124.4090, 62.9024, -109.1067

Rectangle

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



156.2430, 5.3032, 72.5779



152.9000, -31.5027, 71.1247



120.7880, 10.9505, -105.9311



128.6200, 46.0363, -112.7997

Sweetspot

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



156.2430, 5.3032, 72.5779



228.3110, 1.8187, 23.4063



148.0060, 44.8600, 31.5667



111.7290, 1.1196, 14.2697



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.



156.2430, 5.3032, 72.5779



148.7170, 6.5485, 93.2102



154.6690, -21.0358, 73.9583



112.1580, 0.4151, 6.8774



64.1360, 7.8210, 105.1207



19.4800, 2.2284, 32.0280

Inverse Universe

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



156.2430, 5.3032, 72.5779



148.7170, 6.5485, 93.2102



196.3310, 21.0358, -73.9583



112.1580, 0.4151, 6.8774



64.1360, 7.8210, 105.1207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 156.2430, 5.3032, 72.5779 looks on a white background.

Color Contrast Check

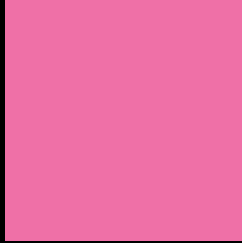
Large Text (above 18pt) WCAG AA × Fail

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 156.2430, 5.3032, 72.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

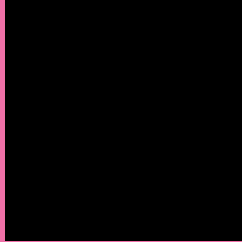
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.2430, 5.3032, 72.5779

Background



This preview shows how black text looks on a background with the YUV color 156.2430, 5.3032, 72.5779.



This preview shows how white text looks on a background with the YUV color 156.2430, 5.3032,

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

156.2430, 5.3032, 72.5779

Protanopia

156.1680, 18.6512, -8.9173

Deuteranopia

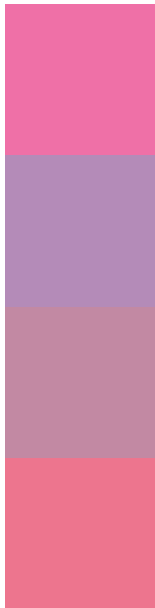
157.2230, 1.8621, 9.4514



Tritanopia

155.5960, -13.6048, 70.5143

Trichromacy



Original Color

156.2430, 5.3032, 72.5779

Protanomaly

156.3890, 13.6122, 20.7068

Deuteranomaly

157.0070, 2.9545, 32.4429

Tritanomaly

155.7300, -6.7689, 71.2738

Monochromacy



Original Color

156.2430, 5.3032, 72.5779

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0340, 1.9552, 26.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2430, 5.3032, 72.5779 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(239, 112, 167)` looks like.

```
.text, #text, p{  
    color:rgb(239, 112, 167)  
}
```

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(239, 112, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 112, 167) }
```

Border

The CSS property to change the border of an element to YUV 156.2430, 5.3032, 72.5779 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(239, 112, 167) }
```


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

```
.border{ border-color:rgb(239, 112, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 112, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 112, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 112, 167);  
box-shadow:4px 4px 4px 4px rgb(239, 112,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 156.2430, 5.3032, 72.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 112, 167) }
```

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

```
.background{ background-color: rgb(239,  
112, 167) }
```

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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