

Converting Colors

YUV(150.1080, 23.6108,
80.5893)

Have a look what the booklet for
YUV(150.1080, 23.6108, 80.5893)
contains.

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Color

**YUV(150.1080, 23.6108,
80.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	F25EC6
RGB	242, 94, 198
RGB Percent	95%, 37%, 78%
CMY	0.0510, 0.6314, 0.2235
CMYK	0.00, 0.61, 0.18, 0.05
HSL	318°, 85%, 66%
HSV	318°, 61%, 95%
XYZ	50.8137, 30.9599, 56.7238
YIQ	150.1080, 54.8240, 63.7200

Conversions

Conversions Part 2

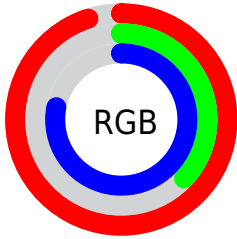
Format	Color
R _Y B	242, 94, 198
Decimal	15883974
CIE Lab	62.47, 67.56, -25.63
CIE LCh	62, 72.254, 339.225
Yxy	30.9599, 0.3669, 0.2235
Android (android.graphics.Color)	4294074054 (0xFFFF25EC6)
YUV	150.1080, 23.6108, 80.5893
Hunter-Lab	55.6416, 65.6392, -21.4940

Details

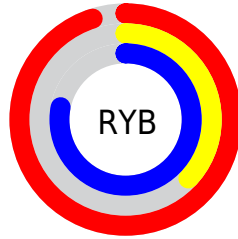
The YUV color **150.1080, 23.6108, 80.5893** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **185.8920, -23.6108, -80.5893**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 29.8073, 53.0243**, and **86.6830, 28.2573, 83.5930** is the 20% darker color. If you saturate the color by 10%, you get **135.2220, 27.4986, 93.6443**, and if you desaturate by 10%, it is **164.9940, 19.7230, 67.5343**.

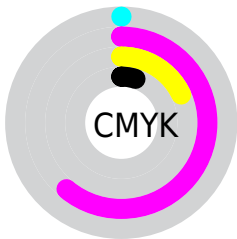
Distribution



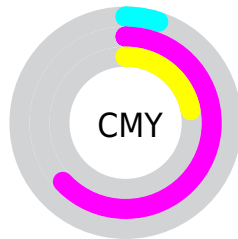
- Red (95%)
- Green (37%)
- Blue (78%)



- Red (95%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (61%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1080, 23.6108, 80.5893 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 150.1080, 23.6108, 80.5893 by changing the saturation by 10% instead.


 150.1080, 23.6108,
80.5893


 150.1080, 23.6108,
80.5893


255.0000, 0.0000,
0.0000


 120.4500, 24.9212,
80.2894


 194.5390, 29.8073,
53.0243


 86.6830, 28.2573,
83.5930


 211.5620, 21.4149,
38.0951


 59.1990, 28.9889,
82.2635

 228.5850, 13.0226,
23.1660

 47.9770, 22.1963,
67.5492

 245.6080, 4.6303,
8.2368

 36.8690, 15.8406,
52.7349

 26.2880, 10.2110,
38.3354

 15.4080, 4.7289,

23.3212

■ 0.0000, 0.0000,
0.0000

■ 150.1080, 23.6108,
80.5893

■ 150.1080, 23.6108,
80.5893

■ 135.2220, 27.4986,
93.6443

■ 164.9940, 19.7230,
67.5343

■ 120.3360, 31.3864,
106.6993

■ 179.8800, 15.8352,
54.4792

■ 104.7490, 35.1267,
120.3691

■ 195.4670, 12.0948,
40.8094

■ 91.7380, 38.5832,
131.7798

■ 210.3530, 8.2070,
27.7544

■ 225.2390, 4.3192,
14.6994

■ 240.1250, 0.4314,
1.6444

■ 250.3150, -1.1413,
-7.2923

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



154.6240, 47.5134, 20.5008



150.1080, 23.6108, 80.5893



139.6550, -2.7879, 101.1576

Triad

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



150.1080, 23.6108, 80.5893



139.1350, -68.5936, 20.9296



131.4070, 49.0993, -115.2439

Complementary

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



150.1080, 23.6108, 80.5893



185.8920, -23.6108, -80.5893

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.



125.0400, 22.1653, -109.6601



150.1080, 23.6108, 80.5893



131.0430, -45.8702, -34.2407

Square

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



150.1080, 23.6108, 80.5893



142.1650, -67.1293, 64.7533



115.6410, -6.2320, -101.4172



128.8600, 62.1870, -113.0102

Rectangle

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



150.1080, 23.6108, 80.5893



141.3240, -24.3167, 99.6939



115.6410, -6.2320, -101.4172



129.8280, 40.5108, -113.8592

Sweetspot

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



150.1080, 23.6108, 80.5893



226.4020, 7.1968, 25.0804



123.4300, 58.4550, 11.0239



109.9510, 4.4612, 15.8290



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.



150.1080, 23.6108, 80.5893



139.5480, 29.8028, 101.2514



141.9000, -7.8387, 87.7877



112.5000, 1.7255, 6.5775



69.7220, 29.2241, 100.2218



21.1900, 8.7803, 30.5284

Inverse Universe

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



150.1080, 23.6108, 80.5893



139.5480, 29.8028, 101.2514



194.1000, 7.8387, -87.7877



112.5000, 1.7255, 6.5775



69.7220, 29.2241, 100.2218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 150.1080, 23.6108, 80.5893 looks on a white background.

Color Contrast Check

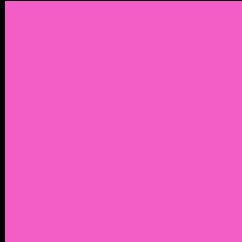
Large Text (above 18pt) WCAG AA × Fail

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 150.1080, 23.6108, 80.5893 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 150.1080, 23.6108, 80.5893

Background



This preview shows how black text looks on a background with the YUV color 150.1080, 23.6108, 80.5893.



This preview shows how white text looks on a background with the YUV color 150.1080, 23.6108, 80.5893.

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

150.1080, 23.6108, 80.5893

Protanopia

149.3330, 45.1918, -28.3560

Deuteranopia

152.0760, 18.2035, -5.3287



Tritanopia

150.3900, -14.4893, 74.2030

Trichromacy



Original Color

150.1080, 23.6108, 80.5893



Protanomaly

149.2240, 37.3576, 11.2046



Deuteranomaly

151.1430, 20.1425, 26.1846



Tritanomaly

150.3700, -0.6754, 76.8515

Monochromacy



Original Color

150.1080, 23.6108, 80.5893



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.0650, 8.3490, 28.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1080, 23.6108, 80.5893 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(242, 94, 198)` looks like.

```
.text, #text, p{  
    color:rgb(242, 94, 198)  
}
```

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(242, 94, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 94, 198) }
```

Border

The CSS property to change the border of an element to YUV 150.1080, 23.6108, 80.5893 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(242, 94, 198) }
```


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

```
.border{ border-color:rgb(242, 94, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 94, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 94, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 94, 198);  
box-shadow:4px 4px 4px 4px rgb(242, 94,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 150.1080, 23.6108, 80.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 94, 198) }
```

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

```
.background{ background-color: rgb(242, 94,  
198) }
```

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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