

Converting Colors

YUV(140.7580, 31.1783,
80.0192)

Have a look what the booklet for
YUV(140.7580, 31.1783, 80.0192)
contains.

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Color

**YUV(140.7580, 31.1783,
80.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	E852CC
RGB	232, 82, 204
RGB Percent	91%, 32%, 80%
CMY	0.0902, 0.6784, 0.2000
CMYK	0.00, 0.65, 0.12, 0.09
HSL	311°, 77%, 62%
HSV	311°, 65%, 91%
XYZ	47.1951, 27.5500, 59.9570
YIQ	140.7580, 50.2380, 69.7420

Conversions

Conversions Part 2

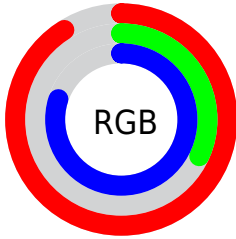
Format	Color
R_{YB}	232, 82, 204
Decimal	15225548
CIE _{Lab}	59.48, 70.59, -33.79
CIE _{LCh}	59, 78.260, 334.419
Yxy	27.5500, 0.3504, 0.2045
Android (android.graphics.Color)	4293415628 (0xFFE852CC)
YUV	140.7580, 31.1783, 80.0192
Hunter-Lab	52.4881, 68.6454, -30.9851

Details

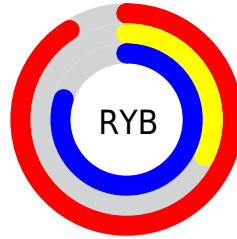
The YUV color **140.7580, 31.1783, 80.0192** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **173.2420, -31.1783, -80.0192**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **68.7130, 39.5815, 91.4597** is the 20% darker color. If you saturate the color by 10%, you get **126.8010, 36.0871, 92.2595**, and if you desaturate by 10%, it is **154.7150, 26.2695, 67.7789**.

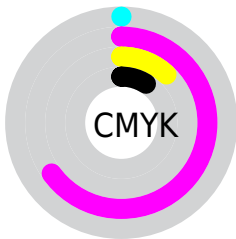
Distribution



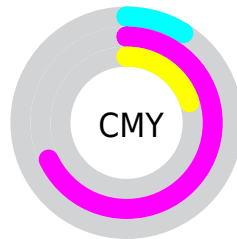
- Red (91%)
- Green (32%)
- Blue (80%)



- Red (91%)
- Yellow (32%)
- Blue (80%)



- Cyan (0%)
- Magenta (65%)
- Yellow (12%)
- Black (9%)




- Cyan (9%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.7580, 31.1783, 80.0192 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 140.7580, 31.1783, 80.0192 by changing the saturation by 10% instead.


 140.7580, 31.1783,
80.0192


 140.7580, 31.1783,
80.0192


255.0000, 0.0000,
0.0000


 109.8120, 32.6307,
80.8489


 188.0820, 32.9906,
58.6871


 68.7130, 39.5815,
91.4597


 205.1050, 24.5982,
43.7579


 57.0780, 32.4995,
76.2306

 222.1280, 16.2059,
28.8287

 45.8560, 25.7070,
61.5163

 239.1510, 7.8136,
13.8996

 34.7480, 19.3512,
46.7020

 24.3520, 13.1375,
33.0173

 12.8740, 7.9501,

16.7735

■ 0.0000, 0.0000,
0.0000

■ 140.7580, 31.1783,
80.0192

■ 140.7580, 31.1783,
80.0192

■ 126.8010, 36.0871,
92.2595

■ 154.7150, 26.2695,
67.7789

■ 112.7300, 40.5591,
104.5998

■ 168.7860, 21.7975,
55.4387

■ 98.1860, 45.7573,
117.3549

■ 183.3300, 16.5993,
42.6836

■ 90.9140, 48.3564,
123.7324

■ 197.2870, 11.6905,
30.4433

■ 211.3580, 7.2185,
18.1030

■ 225.3150, 2.3097,
5.8627

■ 239.2720, -2.5991,
-6.3775

■ 246.2990, -3.5984,
-12.5402

■ 246.7550, -1.8512,
-12.9401

Harmonies

Analogous

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



145.2570, 54.1033, 6.7906



140.7580, 31.1783, 80.0192



126.3820, 4.7417, 112.7980

Triad

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



140.7580, 31.1783, 80.0192



133.5640, -65.8471, 26.6924



126.6310, 46.0309, -111.0554

Complementary

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



140.7580, 31.1783, 80.0192



173.2420, -31.1783, -80.0192

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.



118.8790, 16.3287, -104.2569



140.7580, 31.1783, 80.0192



121.7160, -60.0060, -26.9379

Square

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



140.7580, 31.1783, 80.0192



133.8610, -65.9935, 73.7899



108.9100, -14.2526, -95.5141



126.5120, 63.3446, -110.9510

Rectangle

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



140.7580, 31.1783, 80.0192



128.2960, -18.3869, 111.1194



108.9100, -14.2526, -95.5141



124.2370, 36.8582, -108.9558

Sweetspot

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



140.7580, 31.1783, 80.0192



225.7980, 9.9596, 25.6102



107.4720, 61.3923, 2.2171



109.7060, 6.0609, 16.0438



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.



140.7580, 31.1783, 80.0192



133.9690, 41.4273, 106.1442



132.2080, -1.5815, 87.5176



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Inverse Universe

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



140.7580, 31.1783, 80.0192



133.9690, 41.4273, 106.1442



181.7920, 1.5815, -87.5176



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 140.7580, 31.1783, 80.0192 looks on a white background.

Color Contrast Check

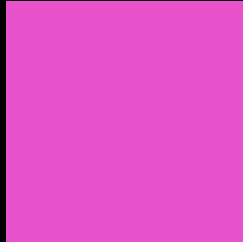
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7580, 31.1783, 80.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

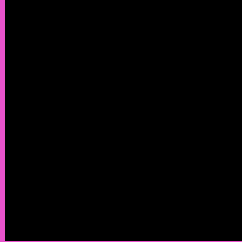
Any Text WCAG AA ✓ Pass

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 140.7580, 31.1783, 80.0192 Background



This preview shows how black text looks on a background with the YUV color 140.7580, 31.1783, 80.0192.



This preview shows how white text looks on a background with the YUV color 140.7580, 31.1783, 80.0192.

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

140.7580, 31.1783, 80.0192

Protanopia

138.5300, 56.4337, -40.8068

Deuteranopia

144.1550, 25.0666, -13.2909



Tritanopia

142.5960, -13.6048, 70.5143

Trichromacy



Original Color

140.7580, 31.1783, 80.0192



Protanomaly

139.4000, 47.1308, 3.1572



Deuteranomaly

142.6460, 27.2895, 20.4815



Tritanomaly

141.8580, 2.5350, 73.7925

Monochromacy



Original Color

140.7580, 31.1783, 80.0192



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1620, 11.2591, 28.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7580, 31.1783, 80.0192 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(232, 82, 204)` looks like.

```
.text, #text, p{  
    color:rgb(232, 82, 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(232, 82, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 82, 204) }
```

Border

The CSS property to change the border of an element to YUV 140.7580, 31.1783, 80.0192 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(232, 82, 204) }
```


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

```
.border{ border-color:rgb(232, 82, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 82, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 82, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 82, 204);  
box-shadow:4px 4px 4px 4px rgb(232, 82,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 140.7580, 31.1783, 80.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 82, 204) }
```

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

```
.background{ background-color: rgb(232, 82,  
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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