

Converting Colors

YUV(140.6950, 23.3214,
80.0745)

Have a look what the booklet for
YUV(140.6950, 23.3214, 80.0745)
contains.

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Color

**YUV(140.6950, 23.3214,
80.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	E855BC
RGB	232, 85, 188
RGB Percent	91%, 33%, 74%
CMY	0.0902, 0.6667, 0.2627
CMYK	0.00, 0.63, 0.19, 0.09
HSL	318°, 76%, 62%
HSV	318°, 63%, 91%
XYZ	45.6043, 27.2836, 50.4396
YIQ	140.6950, 54.5490, 63.1970

Conversions

Conversions Part 2

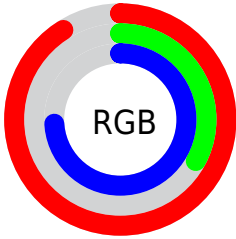
Format	Color
R _Y B	232, 85, 188
Decimal	15226300
CIE Lab	59.24, 67.14, -25.03
CIE LCh	59, 71.657, 339.552
Yxy	27.2836, 0.3698, 0.2212
Android (android.graphics.Color)	4293416380 (0xFFE855BC)
YUV	140.6950, 23.3214, 80.0745
Hunter-Lab	52.2337, 64.4360, -20.6899

Details

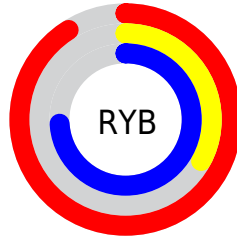
The YUV color **140.6950, 23.3214, 80.0745** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **176.3050, -23.3214, -80.0745**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0020, 27.6070, 58.7572**, and **72.2860, 30.4250, 88.3262** is the 20% darker color. If you saturate the color by 10%, you get **126.3960, 26.9198, 92.6147**, and if you desaturate by 10%, it is **154.9940, 19.7230, 67.5343**.

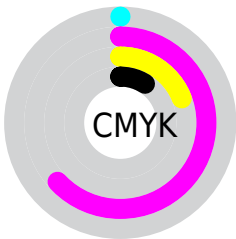
Distribution



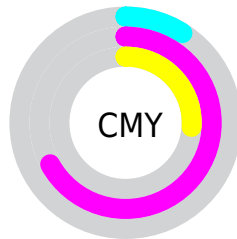
- Red (91%)
- Green (33%)
- Blue (74%)



- Red (91%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6950, 23.3214, 80.0745 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 140.6950, 23.3214, 80.0745 by changing the saturation by 10% instead.

140.6950, 23.3214,
80.0745

140.6950, 23.3214,
80.0745

255.0000, 0.0000,
0.0000

110.4500, 24.9212,
80.2894

188.0020, 27.6070,
58.7572

72.2860, 30.4250,
88.3262

206.2790, 24.0195,
42.7283

55.4820, 26.3844,
77.6303

223.3020, 15.6271,
27.7991

43.9610, 19.7392,
62.3012

240.3250, 7.2348,
12.8700

33.2660, 13.6729,
48.0017

22.9840, 7.8959,
34.2170

11.3920, 2.2717,

18.0732

■ 0.0000, 0.0000,
0.0000

■ 140.6950, 23.3214,
80.0745

■ 140.6950, 23.3214,
80.0745

■ 126.3960, 26.9198,
92.6147

■ 154.9940, 19.7230,
67.5343

■ 112.0970, 30.5182,
105.1549

■ 169.2930, 16.1246,
54.9940

■ 97.2110, 34.4060,
118.2100

■ 184.1790, 12.2368,
41.9390

■ 87.9500, 36.9997,
126.3319

■ 198.4780, 8.6383,
29.3988

■ 212.7770, 5.0399,
16.8586

■ 227.0760, 1.4415,
4.3183

■ 241.3750, -2.1569,
-8.2219

■ 246.8690, -1.4144,
-13.0401

■ 247.5530, 1.2064,
-13.6400

Harmonies

Analogous

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



146.0970, 46.7872, 20.0859



140.6950, 23.3214, 80.0745



133.0470, -3.9672, 106.0758

Triad

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



140.6950, 23.3214, 80.0745



131.4490, -64.8044, 18.9002



124.5110, 48.0621, -109.1961

Complementary

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



140.6950, 23.3214, 80.0745



176.3050, -23.3214, -80.0745

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.



118.8450, 21.2754, -104.2271



140.6950, 23.3214, 80.0745



122.7440, -45.7228, -34.8555

Square

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



140.6950, 23.3214, 80.0745



133.7950, -65.9609, 63.3238



109.5600, -6.6851, -96.0841



123.5770, 64.7915, -108.3770

Rectangle

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



140.6950, 23.3214, 80.0745



133.9220, -24.6115, 100.9234



109.5600, -6.6851, -96.0841



123.5190, 39.1841, -108.3262

Sweetspot

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



140.6950, 23.3214, 80.0745



225.1140, 7.3388, 26.2100



114.3160, 58.0182, 11.1239



109.3640, 4.7505, 16.3438



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.



140.6950, 23.3214, 80.0745



134.5100, 30.8076, 105.6697



132.6010, -7.6913, 87.1729



107.5000, 1.7255, 6.5775



67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Inverse Universe

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



140.6950, 23.3214, 80.0745



134.5100, 30.8076, 105.6697



184.3990, 7.6913, -87.1729



107.5000, 1.7255, 6.5775



67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 140.6950, 23.3214, 80.0745 looks on a white background.

Color Contrast Check

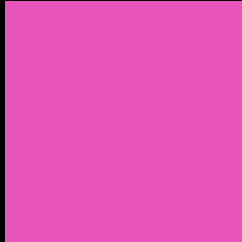
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6950, 23.3214, 80.0745 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 140.6950, 23.3214, 80.0745

Background



This preview shows how black text looks on a background with the YUV color 140.6950, 23.3214, 80.0745.



This preview shows how white text looks on a background with the YUV color 140.6950, 23.3214, 80.0745.

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

140.6950, 23.3214, 80.0745

Protanopia

140.5070, 44.6130, -29.3856

Deuteranopia

143.9620, 17.7667, -5.2287



Tritanopia

141.6780, -14.6313, 73.0734

Trichromacy



Original Color

140.6950, 23.3214, 80.0745



Protanomaly

140.3980, 36.7788, 10.1750



Deuteranomaly

142.7300, 19.8531, 25.6698



Tritanomaly

141.6580, -0.8174, 75.7219

Monochromacy



Original Color

140.6950, 23.3214, 80.0745



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.0650, 8.3490, 28.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6950, 23.3214, 80.0745 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, 85, 188)` looks like.

```
.text, #text, p{  
    color:rgb(232, 85, 188)  
}
```

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, 85, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 85, 188) }
```

Border

The CSS property to change the border of an element to YUV 140.6950, 23.3214, 80.0745 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, 85, 188) }
```


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

```
.border{ border-color:rgb(232, 85, 188) }
```

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

Here you see how a box with a 4 pixel rgb(232, 85, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 85, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 85, 188);  
box-shadow:4px 4px 4px 4px rgb(232, 85,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 140.6950, 23.3214, 80.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 85, 188) }
```

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

```
.background{ background-color: rgb(232, 85,  
188) }
```

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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