

Converting Colors

YUV(131.8320, 22.2678,
91.3553)

Have a look what the booklet for
YUV(131.8320, 22.2678, 91.3553)
contains.

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Color

**YUV(131.8320, 22.2678,
91.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	EC46B1
RGB	236, 70, 177
RGB Percent	93%, 27%, 69%
CMY	0.0745, 0.7255, 0.3059
CMYK	0.00, 0.70, 0.25, 0.07
HSL	321°, 81%, 60%
HSV	321°, 70%, 93%
XYZ	44.7180, 25.3875, 44.1383
YIQ	131.8320, 64.5890, 68.4690

Conversions

Conversions Part 2

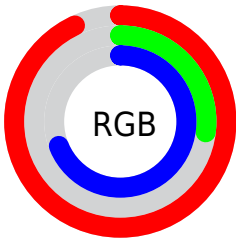
Format	Color
R _Y B	236, 70, 177
Decimal	15484593
CIE Lab	57.45, 72.28, -21.38
CIE LCh	57, 75.378, 343.524
Yxy	25.3875, 0.3914, 0.2222
Android (android.graphics.Color)	4293674673 (0xFFEC46B1)
YUV	131.8320, 22.2678, 91.3553
Hunter-Lab	50.3860, 70.2448, -16.6681

Details

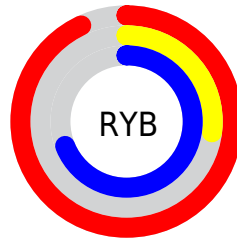
The YUV color **131.8320, 22.2678, 91.3553** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **174.1680, -22.2678, -91.3553**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1170, 26.5643, 66.5494**, and **66.7600, 28.2193, 95.8035** is the 20% darker color. If you saturate the color by 10%, you get **116.8320, 25.7188, 104.5103**, and if you desaturate by 10%, it is **146.8320, 18.8168, 78.2003**.

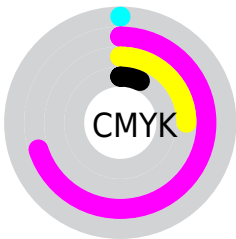
Distribution



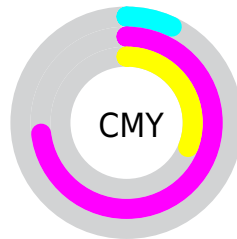
- Red (93%)
- Green (27%)
- Blue (69%)



- Red (93%)
- Yellow (27%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.8320, 22.2678, 91.3553 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 131.8320, 22.2678, 91.3553 by changing the saturation by 10% instead.

 131.8320, 22.2678,
91.3553


 131.8320, 22.2678,
91.3553

255.0000, 0.0000,
0.0000


 98.0650, 25.6040,
94.6590


 179.1170, 26.5643,
66.5494


 66.7600, 28.2193,
95.8035


 199.2350, 27.4921,
48.9059


 54.9400, 21.7216,
79.8596


 216.2580, 19.0998,
33.9767

 43.8320, 15.3658,
65.0453

 233.8680, 10.4181,
18.5328

 32.5390, 9.5943,
49.5163

 251.4780, 1.7363,
3.0888

 22.0720, 4.4015,
35.0169

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 131.8320, 22.2678,
91.3553

■ 131.8320, 22.2678,
91.3553

■ 116.8320, 25.7188,
104.5103

■ 146.8320, 18.8168,
78.2003

■ 102.3050, 28.4436,
117.2505

■ 161.3590, 16.0920,
65.4602

■ 87.8920, 31.6052,
129.8907

■ 176.3590, 12.6410,
52.3052

■ 190.8860, 9.9162,
39.5650

■ 205.8860, 6.4652,
26.4100

220.8860, 3.0142,
13.2550

235.4130, 0.2894,
0.5148

248.0650, -2.0040,
-10.5810

248.9770, 1.4903,
-11.3808

Harmonies

Analogous

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



141.2340, 45.7336, 31.3668



131.8320, 22.2678, 91.3553



124.1080, -6.4622, 113.0383

Triad

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



131.8320, 22.2678, 91.3553



126.0890, -62.1619, 11.3229



122.8470, 51.8404, -107.7368

Complementary

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



131.8320, 22.2678, 91.3553



174.1680, -22.2678, -91.3553

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.



117.0670, 24.6170, -102.6678



131.8320, 22.2678, 91.3553



112.6390, -43.2060, -48.7954

Square

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



131.8320, 22.2678, 91.3553



129.6310, -63.9081, 58.2056



108.0270, -4.9433, -94.7397



120.6420, 66.2385, -105.8030

Rectangle

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



131.8320, 22.2678, 91.3553



127.4940, -28.8375, 103.0528



108.0270, -4.9433, -94.7397



121.2680, 43.2519, -106.3520

Sweetspot

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



131.8320, 22.2678, 91.3553



221.1360, 7.3280, 29.6987



106.2660, 63.9589, 19.0607



107.8480, 4.0189, 17.6733



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.



131.8320, 22.2678, 91.3553



120.7180, 28.7330, 117.7653



122.4840, -13.5496, 99.5535



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Inverse Universe

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



131.8320, 22.2678, 91.3553



120.7180, 28.7330, 117.7653



183.5160, 13.5496, -99.5535



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 131.8320, 22.2678, 91.3553 looks on a white background.

Color Contrast Check

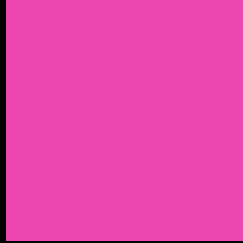
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8320, 22.2678, 91.3553 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 131.8320, 22.2678, 91.3553

Background



This preview shows how black text looks on a background with the YUV color 131.8320, 22.2678, 91.3553.



This preview shows how white text looks on a background with the YUV color 131.8320, 22.2678, 91.3553.

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

131.8320, 22.2678, 91.3553

Protanopia

135.6210, 45.0498, -29.4856

Deuteranopia

139.3600, 14.1195, -2.0697



Tritanopia

133.6470, -17.5740, 83.6246

Trichromacy



Original Color

131.8320, 22.2678, 91.3553



Protanomaly

134.1320, 36.9099, 14.7932



Deuteranomaly

136.3780, 17.0686, 32.1175



Tritanomaly

133.1540, -3.0339, 86.6879

Monochromacy



Original Color

131.8320, 22.2678, 91.3553



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.6850, 8.0433, 33.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8320, 22.2678, 91.3553 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(236, 70, 177)` looks like.

```
.text, #text, p{  
    color:rgb(236, 70, 177)  
}
```

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(236, 70, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 70, 177) }
```

Border

The CSS property to change the border of an element to YUV 131.8320, 22.2678, 91.3553 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(236, 70, 177) }
```


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

```
.border{ border-color:rgb(236, 70, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 70, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 70, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 70, 177);  
box-shadow:4px 4px 4px 4px rgb(236, 70,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 131.8320, 22.2678, 91.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 70, 177) }
```

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

```
.background{ background-color: rgb(236, 70,  
177) }
```

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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