

Converting Colors

YUV(142.5570, 32.7564,
87.2115)

Have a look what the booklet for
YUV(142.5570, 32.7564, 87.2115)
contains.

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Color

**YUV(142.5570, 32.7564,
87.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	F24FD1
RGB	242, 79, 209
RGB Percent	95%, 31%, 82%
CMY	0.0510, 0.6902, 0.1804
CMYK	0.00, 0.67, 0.14, 0.05
HSL	312°, 86%, 63%
HSV	312°, 67%, 95%
XYZ	50.9226, 29.0727, 63.2493
YIQ	142.5570, 55.4180, 74.9860

Conversions

Conversions Part 2

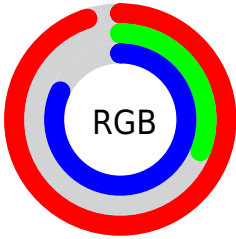
Format	Color
RYB	242, 79, 209
Decimal	15880145
CIELab	60.85, 74.86, -34.38
CIElCh	61, 82.382, 335.331
Yxy	29.0727, 0.3555, 0.2030
Android (android.graphics.Color)	4294070225 (0xFFFF24FD1)
YUV	142.5570, 32.7564, 87.2115
Hunter-Lab	53.9191, 74.2216, -31.8062

Details

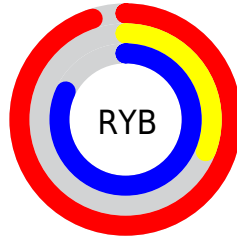
The YUV color **142.5570, 32.7564, 87.2115** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **178.4430, -32.7564, -87.2115**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9080, 33.5694, 59.7167**, and **71.9740, 40.4388, 96.4928** is the 20% darker color. If you saturate the color by 10%, you get **127.8990, 37.5178, 100.0666**, and if you desaturate by 10%, it is **157.2150, 27.9950, 74.3564**.

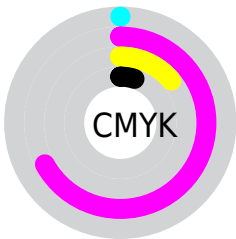
Distribution



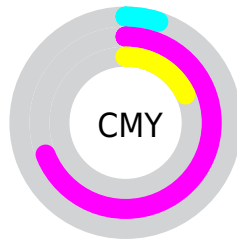
- Red (95%)
- Green (31%)
- Blue (82%)



- Red (95%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5570, 32.7564, 87.2115 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 142.5570, 32.7564, 87.2115 by changing the saturation by 10% instead.


 142.5570, 32.7564,
87.2115


 142.5570, 32.7564,
87.2115


255.0000, 0.0000,
0.0000


 109.8500, 35.0770,
89.5856


 186.9080, 33.5694,
59.7167


 71.9740, 40.4388,
96.4928


 203.9310, 25.1770,
44.7875


 60.3390, 33.3569,
81.2637

 221.5410, 16.4953,
29.3435

 48.7040, 26.2749,
66.0346

 239.1510, 7.8136,
13.8996

 37.5960, 19.9192,
51.2203

 26.9010, 13.8528,
36.9208

 15.6080, 8.0813,

21.3918

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 142.5570, 32.7564,
87.2115

■ 142.5570, 32.7564,
87.2115

■ 127.8990, 37.5178,
100.0666

■ 157.2150, 27.9950,
74.3564

■ 113.2410, 42.2792,
112.9216

■ 171.8730, 23.2336,
61.5014

■ 97.9960, 47.3300,
126.2915

■ 187.1180, 18.1828,
48.1315

■ 94.3600, 48.6295,
129.4803

■ 201.7760, 13.4214,
35.2764

216.3200, 8.2232,
22.5214

230.9780, 3.4618,
9.6663

245.6360, -1.2995,
-3.1888

250.3150, -1.1413,
-7.2923

250.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



147.9370, 52.7821, 10.5793



142.5570, 32.7564, 87.2115



123.5610, 6.6254, 115.2720

Triad

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



142.5570, 32.7564, 87.2115



136.5100, -67.2994, 25.8627



130.7060, 48.9519, -114.6292

Complementary

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



142.5570, 32.7564, 87.2115



178.4430, -32.7564, -87.2115

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.



122.4980, 17.5025, -107.4307



142.5570, 32.7564, 87.2115



123.4550, -60.8633, -31.9710

Square

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



142.5570, 32.7564, 87.2115



137.4160, -67.7461, 75.9342



112.0730, -14.8260, -98.2880



128.8600, 62.1870, -113.0102

Rectangle

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



142.5570, 32.7564, 87.2115



126.4210, -17.9556, 112.7638



112.0730, -14.8260, -98.2880



128.0840, 38.9056, -112.3297

Sweetspot

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



142.5570, 32.7564, 87.2115



223.9230, 10.3910, 27.2545



107.4490, 66.3336, 3.9912



109.0050, 5.9135, 16.6586



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.



142.5570, 32.7564, 87.2115



128.7030, 41.5584, 110.7625



133.3230, -2.6242, 95.3097



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Inverse Universe

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



142.5570, 32.7564, 87.2115



128.7030, 41.5584, 110.7625



187.6770, 2.6242, -95.3097



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 142.5570, 32.7564, 87.2115 looks on a white background.

Color Contrast Check

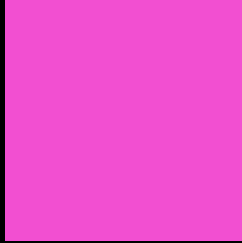
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5570, 32.7564, 87.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

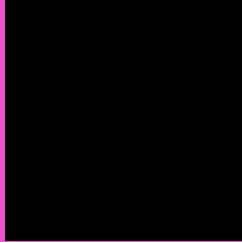
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.5570, 32.7564, 87.2115

Background



This preview shows how black text looks on a background with the YUV color 142.5570, 32.7564, 87.2115.



This preview shows how white text looks on a background with the YUV color 142.5570, 32.7564, 87.2115.

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

142.5570, 32.7564, 87.2115

Protanopia

142.6010, 55.4127, -39.9921

Deuteranopia

147.2690, 25.5034, -13.3909



Tritanopia

145.4720, -15.5157, 76.7621

Trichromacy



Original Color

142.5570, 32.7564, 87.2115



Protanomaly

142.4220, 47.1200, 6.6459



Deuteranomaly

145.5970, 28.2997, 23.1554



Tritanomaly

144.4890, 2.2239, 80.2551

Monochromacy



Original Color

142.5570, 32.7564, 87.2115



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.9990, 11.8325, 31.5729

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5570, 32.7564, 87.2115 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, 79, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 79, 209)  
}
```

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, 79, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 79, 209) }
```

Border

The CSS property to change the border of an element to YUV 142.5570, 32.7564, 87.2115 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, 79, 209) }
```


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

```
.border{ border-color:rgb(242, 79, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 79, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 79, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 79, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 79,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 142.5570, 32.7564, 87.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 79, 209) }
```

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

```
.background{ background-color: rgb(242, 79,  
209) }
```

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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