

Converting Colors

YUV(142.5140, 51.5116,
91.6342)

Have a look what the booklet for
YUV(142.5140, 51.5116, 91.6342)
contains.

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Color

**YUV(142.5140, 51.5116,
91.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	F745F7
RGB	247, 69, 247
RGB Percent	97%, 27%, 97%
CMY	0.0314, 0.7294, 0.0314
CMYK	0.00, 0.72, 0.00, 0.03
HSL	300°, 92%, 62%
HSV	300°, 72%, 97%
XYZ	57.2744, 30.7458, 90.9115
YIQ	142.5140, 48.9500, 93.0940

Conversions

Conversions Part 2

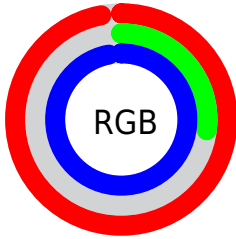
Format	Color
R _Y B	247, 69, 247
Decimal	16205303
CIE Lab	62.29, 84.85, -53.34
CIE LCh	62, 100.228, 327.846
Yxy	30.7458, 0.3201, 0.1718
Android (android.graphics.Color)	4294395383 (0xFFFF745F7)
YUV	142.5140, 51.5116, 91.6342
Hunter-Lab	55.4489, 87.3410, -58.3950

Details

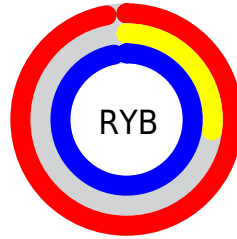
The YUV color **142.5140, 51.5116, 91.6342** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **173.4860, -51.5116, -91.6342**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3860, 35.3057, 62.8055**, and **77.2740, 55.5739, 95.3527** is the 20% darker color. If you saturate the color by 10%, you get **127.8390, 58.7464, 104.5042**, and if you desaturate by 10%, it is **157.1890, 44.2768, 78.7642**.

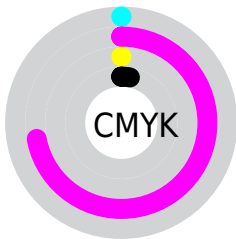
Distribution



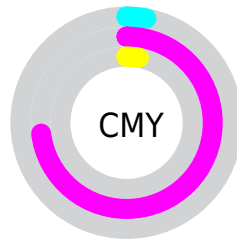
- Red (97%)
- Green (27%)
- Blue (97%)



- Red (97%)
- Yellow (27%)
- Blue (97%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (73%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.5140, 51.5116, 91.6342 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 142.5140, 51.5116, 91.6342 by changing the saturation by 10% instead.


 142.5140, 51.5116,
91.6342


 142.5140, 51.5116,
91.6342


255.0000, 0.0000,
0.0000


 103.5240, 56.4367,
98.6415


 183.3860, 35.3057,
62.8055

 77.2740, 55.5739,
95.3527


 200.9960, 26.6240,
47.3615

 65.4110, 47.6184,
80.3236


 218.6060, 17.9422,
31.9175

 53.3630, 40.2470,
64.5796

 236.8030, 8.9711,
15.9588

 41.7280, 33.1651,
49.3505

254.4130, 0.2894,
0.5148

 30.8050, 26.2251,
35.2510

 19.0990, 20.1642,

19.2072

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 142.5140, 51.5116,
91.6342

■ 142.5140, 51.5116,
91.6342

■ 127.8390, 58.7464,
104.5042

■ 157.1890, 44.2768,
78.7642

■ 113.7510, 65.6918,
116.8594

■ 171.2770, 37.3314,
66.4091

■ 102.0110, 71.4796,
127.1554

■ 185.9520, 30.0967,
53.5391

■ 200.6270, 22.8619,
40.6691

215.3020, 15.6271,
27.7991

229.3900, 8.6817,
15.4440

244.0650, 1.4470,
2.5740

251.6960, -2.3151,
-4.1184

Harmonies

Analogous

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



139.4660, 56.9583, -22.3337



142.5140, 51.5116, 91.6342



94.5990, 32.7357, 140.6717

Triad

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



142.5140, 51.5116, 91.6342



141.3270, -69.6742, 40.9322



136.2170, 47.2210, -119.4623

Complementary

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



142.5140, 51.5116, 91.6342



173.4860, -51.5116, -91.6342

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.



125.2560, 7.7618, -109.8495



142.5140, 51.5116, 91.6342



128.8040, -63.5004, -26.1381

Square

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



142.5140, 51.5116, 91.6342



136.9940, -67.5380, 102.6143



110.9210, -34.4711, -97.2777



135.9040, 58.7143, -119.1878

Rectangle

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



142.5140, 51.5116, 91.6342



87.9870, 7.4014, 146.4704



110.9210, -34.4711, -97.2777



132.9110, 34.5539, -116.5629

Sweetspot

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



142.5140, 51.5116, 91.6342



222.1280, 16.2059, 28.8287



89.2920, 77.7500, -17.7961



108.0420, 9.8393, 17.5032



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.



142.5140, 51.5116, 91.6342



126.4470, 63.3766, 112.7410



132.3680, 12.6366, 100.5323



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Inverse Universe

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



142.5140, 51.5116, 91.6342



126.4470, 63.3766, 112.7410



183.6320, -12.6366, -100.5323



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 142.5140, 51.5116, 91.6342 looks on a white background.

Color Contrast Check

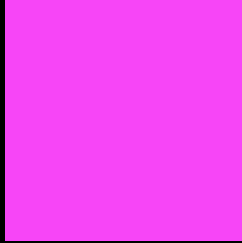
Large Text (above 18pt) WCAG AA × Fail

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 142.5140, 51.5116, 91.6342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

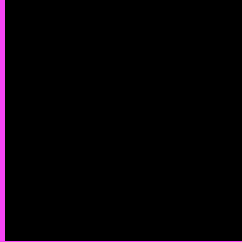
Any Text WCAG AA ✓ Pass

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 142.5140, 51.5116, 91.6342 Background



This preview shows how black text looks on a background with the YUV color 142.5140, 51.5116, 91.6342.



This preview shows how white text looks on a background with the YUV color 142.5140, 51.5116,

91.6342.

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

142.5140, 51.5116, 91.6342

Protanopia

146.1560, 53.6601, -37.8478

Deuteranopia

146.7190, 43.0295, -34.8336



Tritanopia

149.7920, -14.1945, 72.9734

Trichromacy



Original Color

142.5140, 51.5116, 91.6342



Protanomaly

144.9260, 52.7875, 8.8349



Deuteranomaly

145.5150, 46.0881, 10.9493



Tritanomaly

147.1390, 9.7915, 79.6851

Monochromacy



Original Color

142.5140, 51.5116, 91.6342



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.8450, 18.8104, 33.4619

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5140, 51.5116, 91.6342 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(247, 69, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 69, 247)  
}
```

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(247, 69, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 69, 247) }
```

Border

The CSS property to change the border of an element to YUV 142.5140, 51.5116, 91.6342 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(247, 69, 247) }
```


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

```
.border{ border-color:rgb(247, 69, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 69, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 69, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 69, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 69,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 142.5140, 51.5116, 91.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 69, 247) }
```

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

```
.background{ background-color: rgb(247, 69,  
247) }
```

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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