

Converting Colors

YUV(145.6520, 42.0766,
84.4972)

Have a look what the booklet for
YUV(145.6520, 42.0766, 84.4972)
contains.

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Color

**YUV(145.6520, 42.0766,
84.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	F250E7
RGB	242, 80, 231
RGB Percent	95%, 31%, 91%
CMY	0.0510, 0.6863, 0.0941
CMYK	0.00, 0.67, 0.05, 0.05
HSL	304°, 86%, 63%
HSV	304°, 67%, 95%
XYZ	53.9104, 30.3841, 78.6246
YIQ	145.6520, 48.0810, 81.3050

Conversions

Conversions Part 2

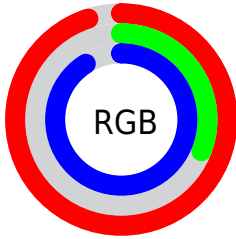
Format	Color
R _Y B	242, 80, 231
Decimal	15880423
CIE Lab	61.98, 77.75, -44.97
CIE LCh	62, 89.819, 329.952
Yxy	30.3841, 0.3309, 0.1865
Android (android.graphics.Color)	4294070503 (0xFFFF250E7)
YUV	145.6520, 42.0766, 84.4972
Hunter-Lab	55.1218, 78.1142, -45.9849

Details

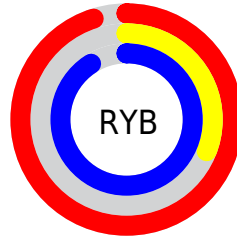
The YUV color **145.6520, 42.0766, 84.4972** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **176.3480, -42.0766, -84.4972**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **74.3680, 49.6116, 94.3933** is the 20% darker color. If you saturate the color by 10%, you get **131.3360, 48.1484, 97.0523**, and if you desaturate by 10%, it is **159.9680, 36.0048, 71.9421**.

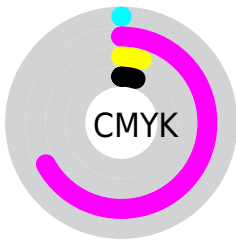
Distribution



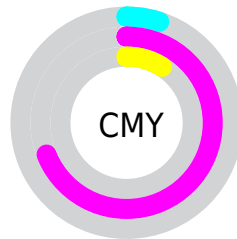
- Red (95%)
- Green (31%)
- Blue (91%)



- Red (95%)
- Yellow (31%)
- Blue (91%)



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




- Cyan (5%)
- Magenta (69%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6520, 42.0766, 84.4972 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 145.6520, 42.0766, 84.4972 by changing the saturation by 10% instead.


 145.6520, 42.0766,
84.4972


 145.6520, 42.0766,
84.4972


255.0000, 0.0000,
0.0000


 112.9450, 44.3971,
86.8712


 188.0820, 32.9906,
58.6871


 74.3680, 49.6116,
94.3933


 205.1050, 24.5982,
43.7579


 62.6190, 42.0928,
79.2641

 222.7150, 15.9165,
28.3139

 50.8700, 34.5741,
64.1350

 240.3250, 7.2348,
12.8700

 39.6480, 27.7815,
49.4207

 28.8390, 21.2784,
35.2212

 17.4320, 15.0700,

19.7921

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 145.6520, 42.0766,
84.4972

■ 145.6520, 42.0766,
84.4972

■ 131.3360, 48.1484,
97.0523

■ 159.9680, 36.0048,
71.9421

■ 117.1340, 54.6569,
109.5075

■ 174.1700, 29.4962,
59.4869

■ 102.2310, 61.0181,
122.5774

■ 189.0730, 23.1350,
46.4170

■ 98.1220, 63.0439,
126.1810

■ 203.3890, 17.0632,
33.8618

217.5910, 10.5546,
21.4067

231.9070, 4.4828,
8.8516

246.2230, -1.5889,
-3.7036

249.8590, -2.8885,
-6.8923

250.0870, -2.0149,
-7.0923

Harmonies

Analogous

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



144.8700, 54.2941, -7.7790



145.6520, 42.0766, 84.4972



112.5850, 20.4176, 124.8980

Triad

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



145.6520, 42.0766, 84.4972



140.4080, -69.2211, 35.5992



133.4130, 46.6314, -117.0032

Complementary

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



145.6520, 42.0766, 84.4972



176.3480, -42.0766, -84.4972

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.



124.1790, 11.2508, -108.9050



145.6520, 42.0766, 84.4972



128.2280, -63.2164, -23.8790

Square

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



145.6520, 42.0766, 84.4972



138.1020, -68.0843, 91.1185



111.5540, -24.4301, -97.8329



132.9690, 60.1613, -116.6138

Rectangle

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



145.6520, 42.0766, 84.4972



115.3480, -7.0736, 122.4748



111.5540, -24.4301, -97.8329



131.0360, 34.9853, -114.9186

Sweetspot

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



145.6520, 42.0766, 84.4972



224.7210, 13.4485, 26.5547



101.7570, 69.1398, -9.4339



109.4610, 7.6607, 16.2587



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.



145.6520, 42.0766, 84.4972



133.6560, 52.9206, 106.4187



136.4180, 6.6959, 92.5954



112.8420, 3.0359, 6.2776



74.5100, 47.5696, 96.0227



22.6720, 14.4587, 29.2287

Inverse Universe

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



145.6520, 42.0766, 84.4972



133.6560, 52.9206, 106.4187



185.5820, -6.6959, -92.5954



112.8420, 3.0359, 6.2776



74.5100, 47.5696, 96.0227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 145.6520, 42.0766, 84.4972 looks on a white background.

Color Contrast Check

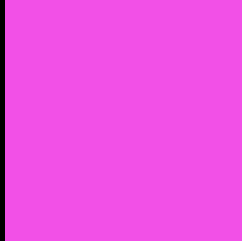
Large Text (above 18pt) WCAG AA × Fail

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 145.6520, 42.0766, 84.4972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

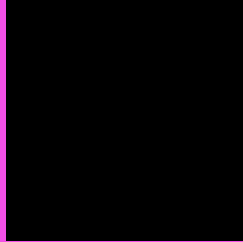
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.6520, 42.0766, 84.4972

Background



This preview shows how black text looks on a background with the YUV color 145.6520, 42.0766, 84.4972.



This preview shows how white text looks on a background with the YUV color 145.6520, 42.0766,

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

145.6520, 42.0766, 84.4972

Protanopia

145.8570, 53.8075, -38.4626

Deuteranopia

148.4230, 35.2875, -24.9270



Tritanopia

149.5960, -13.6048, 70.5143

Trichromacy



Original Color

145.6520, 42.0766, 84.4972



Protanomaly

145.9920, 49.3039, 6.1460



Deuteranomaly

147.3600, 37.7835, 14.5933



Tritanomaly

148.3080, 6.7502, 75.1519

Monochromacy



Original Color

145.6520, 42.0766, 84.4972



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.9110, 15.3269, 30.7731

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6520, 42.0766, 84.4972 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, 80, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 80, 231)  
}
```

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, 80, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 80, 231) }
```

Border

The CSS property to change the border of an element to YUV 145.6520, 42.0766, 84.4972 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, 80, 231) }
```


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

```
.border{ border-color:rgb(242, 80, 231) }
```

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

Here you see how a box with a 4 pixel rgb(242, 80, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 80, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 80, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 80,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 145.6520, 42.0766, 84.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 80, 231) }
```

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

```
.background{ background-color: rgb(242, 80,  
231) }
```

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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