

Converting Colors

YUV(237.6520, 4.6086, 15.2142)

Have a look what the booklet for
YUV(237.6520, 4.6086, 15.2142)
contains.

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Color

**YUV(237.6520, 4.6086,
15.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F7
RGB	255, 227, 247
RGB Percent	100%, 89%, 97%
CMY	0.0000, 0.1098, 0.0314
CMYK	0.00, 0.11, 0.03, 0.00
HSL	317°, 100%, 95%
HSV	317°, 11%, 100%
XYZ	85.4976, 82.9136, 99.4934
YIQ	237.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

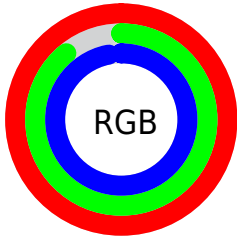
Format	Color
R _Y B	255, 227, 247
Decimal	16770039
CIE Lab	92.98, 12.93, -6.19
CIE LCh	93, 14.337, 334.437
Yxy	82.9136, 0.3191, 0.3095
Android (android.graphics.Color)	4294960119 (0xFFFFE3F7)
YUV	237.6520, 4.6086, 15.2142
Hunter-Lab	91.0569, 8.2525, -1.0435

Details

The YUV color $237.6520, 4.6086, 15.2142$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $244.3480, -4.6086, -15.2142$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.9400, 4.4666, 14.0846$ is the 20% darker color. If you saturate the color by 10%, you get $222.1790, 8.7858, 28.7840$, and if you desaturate by 10%, it is $253.1250, 0.4314, 1.6444$.

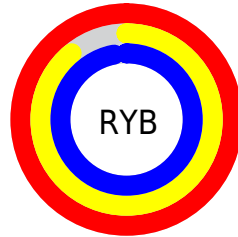
Distribution



Red (100%)

Green (89%)

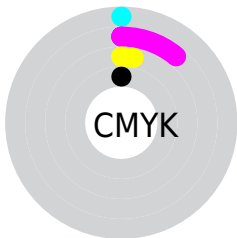
Blue (97%)



Red (100%)

Yellow (89%)

Blue (97%)

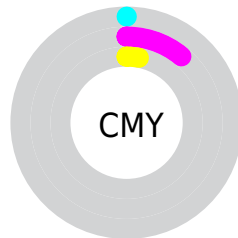


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.6520, 4.6086, 15.2142 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 237.6520, 4.6086, 15.2142 by changing the saturation by 10% instead.


 237.6520, 4.6086,
15.2142

 237.6520, 4.6086,
15.2142

255.0000, 0.0000,
0.0000


 209.3530, 4.7560,
14.5994

 181.9400, 4.4666,
14.0846

 154.9400, 4.4666,
14.0846

 128.5270, 4.1772,
13.5698

 103.2280, 4.3246,
12.9550

 79.8150, 4.0352,
12.4402

 56.4020, 3.7458,

11.9254

■ 34.6900, 3.6038,
10.7959

■ 11.4670, 5.1928,
14.4994

■ 237.6520, 4.6086,
15.2142

■ 237.6520, 4.6086,
15.2142

■ 222.1790, 8.7858,
28.7840

■ 253.1250, 0.4314,
1.6444

■ 206.0050, 12.8155,
42.9686

255.0000, 0.0000,
0.0000

■ 189.9450, 17.2821,
57.0532

■ 174.4720, 21.4593,
70.6231

■ 158.4120, 25.9259,
84.7077

■ 142.8250, 29.6663,
98.3775

■ 127.3520, 33.8435,
111.9473

■ 111.2920, 38.3100,
126.0319

■ 96.9930, 41.9085,
138.5721

Harmonies

Analogous

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



236.4270, 9.1565, 3.1335



237.6520, 4.6086, 15.2142



234.8820, -0.9278, 17.6435

Triad

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



237.6520, 4.6086, 15.2142



233.9120, -13.2676, 8.8472



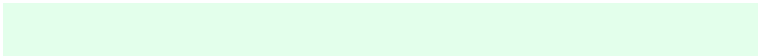
230.3540, 9.6855, -26.6205

Complementary

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



237.6520, 4.6086, 15.2142



244.3480, -4.6086, -15.2142

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.



230.2420, 2.8387, -23.8912



237.6520, 4.6086, 15.2142



232.6330, -10.1721, -4.0631

Square

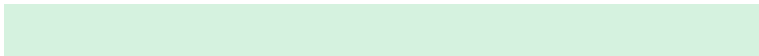
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



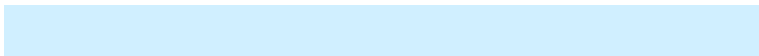
237.6520, 4.6086, 15.2142



235.1950, -12.4211, 17.3690



231.1630, -4.0244, -15.9290



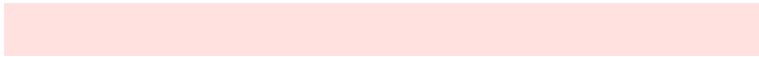
231.5550, 11.5584, -20.6577

Rectangle

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



237.6520, 4.6086, 15.2142



234.4430, -5.1484, 18.0285



231.1630, -4.0244, -15.9290



230.4850, 7.6489, -26.7353

Sweetspot

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



237.6520, 4.6086, 15.2142



250.0760, 1.4415, 4.3183



232.5840, 11.0511, 2.1188



124.2500, 0.8628, 3.2887



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.



237.6520, 4.6086, 15.2142



234.6030, 5.6187, 17.8882



236.0560, -1.5066, 16.6139



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Inverse Universe

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



237.6520, 4.6086, 15.2142



234.6030, 5.6187, 17.8882



245.9440, 1.5066, -16.6139



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 237.6520, 4.6086, 15.2142 looks on a white background.

Color Contrast Check

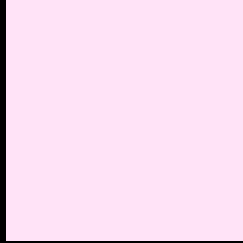
Large Text (above 18pt) WCAG AA × Fail

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 237.6520, 4.6086, 15.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

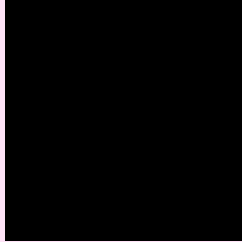
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.6520, 4.6086, 15.2142

Background



This preview shows how black text looks on a background with the YUV color 237.6520, 4.6086, 15.2142.



This preview shows how white text looks on a background with the YUV color 237.6520, 4.6086,

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

237.6520, 4.6086, 15.2142

Protanopia

235.3510, 7.7150, -1.1848

Deuteranopia

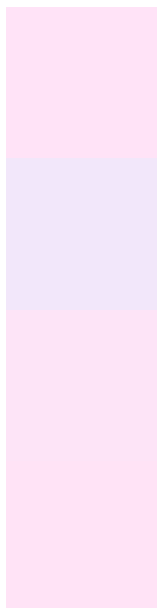
237.3420, 4.7614, 12.8551



Tritanopia

237.4240, 3.7350, 15.4142

Trichromacy



Original Color

237.6520, 4.6086, 15.2142

Protanomaly

236.4550, 6.6777, 4.8630

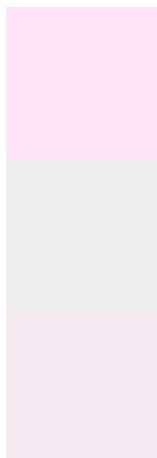
Deuteranomaly

237.6410, 4.6140, 13.4698

Tritanomaly

237.5380, 4.1718, 15.3142

Monochromacy



Original Color

237.6520, 4.6086, 15.2142

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.7880, 1.5835, 5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.6520, 4.6086, 15.2142 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(255, 227, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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(255, 227, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 247) }
```

Border

The CSS property to change the border of an element to YUV 237.6520, 4.6086, 15.2142 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(255, 227, 247) }
```


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

```
.border{ border-color:rgb(255, 227, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 237.6520, 4.6086, 15.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 247) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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