

Converting Colors

YUV(226.8750, 6.4706, 24.6656)

Have a look what the booklet for
YUV(226.8750, 6.4706, 24.6656)
contains.

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Color

**YUV(226.8750, 6.4706,
24.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F0
RGB	255, 210, 240
RGB Percent	100%, 82%, 94%
CMY	0.0000, 0.1765, 0.0588
CMYK	0.00, 0.18, 0.06, 0.00
HSL	320°, 100%, 91%
HSV	320°, 18%, 100%
XYZ	80.0148, 73.6445, 92.4356
YIQ	226.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

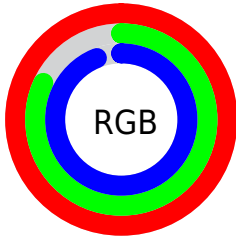
Format	Color
R _Y B	255, 210, 240
Decimal	16765680
CIE Lab	88.75, 20.59, -8.76
CIE LCh	89, 22.376, 336.940
Yxy	73.6445, 0.3251, 0.2993
Android (android.graphics.Color)	4294955760 (0xFFFFD2F0)
YUV	226.8750, 6.4706, 24.6656
Hunter-Lab	85.8163, 16.2540, -3.7918

Details

The YUV color $226.8750, 6.4706, 24.6656$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $238.1250, -6.4706, -24.6656$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.1630, 6.3286, 23.5360$ is the 20% darker color. If you saturate the color by 10%, you get $210.7010, 10.5004, 38.8502$, and if you desaturate by 10%, it is $242.5760, 3.1670, 10.8958$.

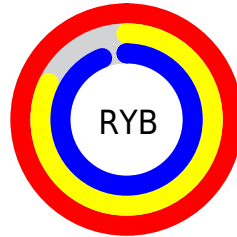
Distribution



Red (100%)

Green (82%)

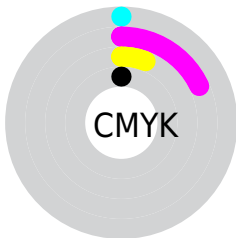
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

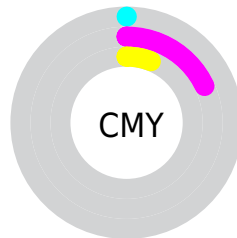


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.8750, 6.4706, 24.6656 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 226.8750, 6.4706, 24.6656 by changing the saturation by 10% instead.

 226.8750, 6.4706,
24.6656


 226.8750, 6.4706,
24.6656


255.0000, 0.0000,
0.0000


 198.5760, 6.6180,
24.0508

 171.1630, 6.3286,
23.5360

 144.4510, 6.1867,
22.4065

 119.0380, 5.8973,
21.8917

 93.7390, 6.0447,
21.2769

 70.0270, 5.9027,
20.1473

 47.0160, 5.9081,

18.4030

■ 24.7170, 6.0555,
17.7882

■ 9.2990, 3.3036,
13.7698

■ 226.8750, 6.4706,
24.6656

■ 226.8750, 6.4706,
24.6656

■ 210.7010, 10.5004,
38.8502

■ 242.5760, 3.1670,
10.8958

■ 195.0000, 13.8040,
52.6200

255.0000, 0.0000,
0.0000

■ 178.8260, 17.8338,
66.8046

■ 163.1250, 21.1374,
80.5744

■ 146.9510, 25.1672,
94.7590

■ 131.2500, 28.4708,
108.5288

■ 115.0760, 32.5005,
122.7133

■ 99.3750, 35.8041,
136.4831

■ 95.6250, 36.6669,
139.7719

Harmonies

Analogous

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



225.5290, 14.5292, 6.5521



226.8750, 6.4706, 24.6656



223.3070, -2.1234, 27.7948

Triad

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



226.8750, 6.4706, 24.6656



221.5010, -19.9670, 10.9616



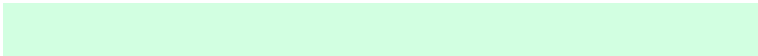
215.2640, 16.1388, -43.2045

Complementary

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



226.8750, 6.4706, 24.6656



238.1250, -6.4706, -24.6656

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.



214.6530, 6.0871, -39.1607



226.8750, 6.4706, 24.6656



218.6450, -15.1080, -7.5817

Square

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



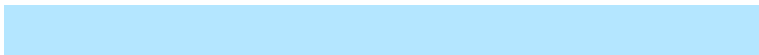
226.8750, 6.4706, 24.6656



223.7140, -19.5790, 26.5608



216.6410, -5.7390, -25.9952



217.9000, 18.2903, -33.2383

Rectangle

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



226.8750, 6.4706, 24.6656



222.1840, -8.9647, 28.7796



216.6410, -5.7390, -25.9952



214.7540, 12.9393, -43.6343

Sweetspot

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



226.8750, 6.4706, 24.6656



246.9130, 2.0149, 7.0923



219.6150, 17.4448, 4.7226



122.9620, 1.0047, 4.4183



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.



226.8750, 6.4706, 24.6656



221.2500, 7.7648, 29.5988



224.3670, -3.1389, 26.8651



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Inverse Universe

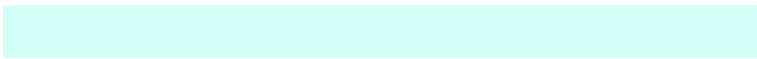
The Inverse Universe completely reimagines the original color for something new.



226.8750, 6.4706, 24.6656



221.2500, 7.7648, 29.5988



240.7470, 3.5757, -26.9651



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 226.8750, 6.4706, 24.6656 looks on a white background.

Color Contrast Check

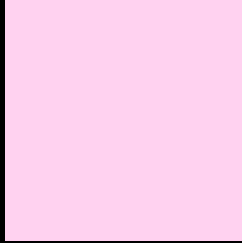
Large Text (above 18pt) WCAG AA × Fail

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 226.8750, 6.4706, 24.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

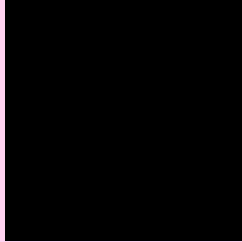
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.8750, 6.4706, 24.6656

Background



This preview shows how black text looks on a background with the YUV color 226.8750, 6.4706, 24.6656.



This preview shows how white text looks on a background with the YUV color 226.8750, 6.4706,

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

226.8750, 6.4706, 24.6656

Protanopia

224.2520, 11.2148, -3.7290

Deuteranopia

225.7870, 6.5140, 10.7108



Tritanopia

226.0830, 0.9451, 23.6062

Trichromacy



Original Color

226.8750, 6.4706, 24.6656

Protanomaly

225.4490, 9.1456, 6.6222

Deuteranomaly

225.8200, 6.4977, 15.9439

Tritanomaly

226.2510, 2.8343, 24.3359

Monochromacy



Original Color

226.8750, 6.4706, 24.6656

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.0380, 2.4463, 8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8750, 6.4706, 24.6656 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, 210, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 240)  
}
```

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, 210, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 240) }
```

Border

The CSS property to change the border of an element to YUV 226.8750, 6.4706, 24.6656 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, 210, 240) }
```


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

```
.border{ border-color:rgb(255, 210, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 226.8750, 6.4706, 24.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 240) }
```

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

```
.background{ background-color: rgb(255,  
210, 240) }
```

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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