

Converting Colors

YUV(220.9150, 12.3669, 0.0745)

Have a look what the booklet for
YUV(220.9150, 12.3669, 0.0745)
contains.

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Color

**YUV(220.9150, 12.3669,
0.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD8F6
RGB	221, 216, 246
RGB Percent	87%, 85%, 96%
CMY	0.1333, 0.1529, 0.0353
CMYK	0.10, 0.12, 0.00, 0.04
HSL	250°, 63%, 91%
HSV	250°, 12%, 96%
XYZ	71.0092, 71.1377, 97.1771
YIQ	220.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

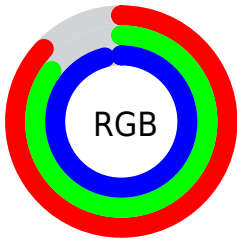
Format	Color
R _Y B	221, 216, 246
Decimal	14538998
CIE Lab	87.55, 7.35, -14.02
CIE LCh	88, 15.831, 297.659
Yxy	71.1377, 0.2967, 0.2972
Android (android.graphics.Color)	4292729078 (0xFFDDD8F6)
YUV	220.9150, 12.3669, 0.0745
Hunter-Lab	84.3432, 2.6801, -9.2716

Details

The YUV color $220.9150, 12.3669, 0.0745$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.0850, -12.3669, -0.0745$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.8010, 11.9301, 0.1745$ is the 20% darker color. If you saturate the color by 10%, you get $200.2600, 22.5498, 0.6490$, and if you desaturate by 10%, it is $241.8690, 2.0366, 0.1149$.

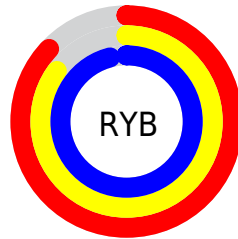
Distribution



Red (87%)

Green (85%)

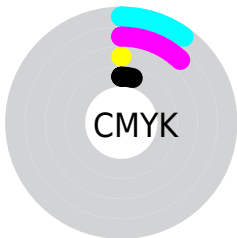
Blue (96%)



Red (87%)

Yellow (85%)

Blue (96%)

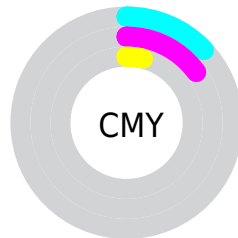


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.9150, 12.3669, 0.0745 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 220.9150, 12.3669, 0.0745 by changing the saturation by 10% instead.

■ 220.9150, 12.3669,
0.0745

■ 220.9150, 12.3669,
0.0745

255.0000, 0.0000,
0.0000

■ 192.9150, 12.3669,
0.0745

■ 165.8010, 11.9301,
0.1745

■ 139.3880, 11.6407,
-0.3403

■ 114.1600, 10.7671,
-0.1403

■ 89.1600, 10.7671,
-0.1403

■ 65.6330, 10.0409,
-0.5551

■ 43.5190, 9.6041,

-0.4552

■ 22.9920, 8.8779,
-0.8700

■ 2.8670, 8.4466,
-2.5144

■ 220.9150, 12.3669,
0.0745

■ 220.9150, 12.3669,
0.0745

■ 200.2600, 22.5498,
0.6490

■ 241.8690, 2.0366,
0.1149

■ 179.8930, 32.5908,
0.0938

■ 253.9740, -3.9312,
0.8998

■ 159.2380, 42.7737,
0.6683

■ 138.8710, 52.8146,
0.1131

■ 118.2160, 62.9975,
0.6876

■ 97.2620, 73.3278,
0.6472

■ 77.1940, 83.2214,
0.7069

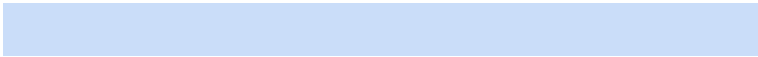
■ 56.2400, 93.5517,
0.6665

■ 40.3030, 101.4086,
0.6113

Harmonies

Analogous

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



218.5110, 15.0311, -14.4801



220.9150, 12.3669, 0.0745



222.5100, 6.6506, 13.5847

Triad

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



220.9150, 12.3669, 0.0745



220.8150, -12.7268, 22.0872



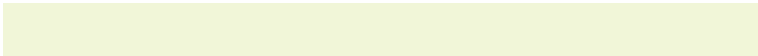
214.3020, 1.8231, -24.8209

Complementary

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



220.9150, 12.3669, 0.0745



241.0850, -12.3669, -0.0745

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.



215.3050, -6.0664, -14.2995



220.9150, 12.3669, 0.0745



219.2930, -14.4414, 12.0210

Square

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



220.9150, 12.3669, 0.0745



222.1020, -7.9383, 26.2205



217.4870, -12.0721, -1.3041



214.5170, 9.1121, -29.3944

Rectangle

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



220.9150, 12.3669, 0.0745



222.5880, 1.6821, 20.5323



217.4870, -12.0721, -1.3041



214.8140, -1.3873, -21.7619

Sweetspot

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



220.9150, 12.3669, 0.0745



246.7380, 4.0732, 0.2298



234.0950, 5.8692, -15.8693



122.0970, 2.9102, -0.0851



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.



220.9150, 12.3669, 0.0745



223.1260, 15.7139, -0.1105



225.4000, 10.1558, 9.2962



111.9660, 4.9468, 0.0298



30.4730, 76.6748, 0.4622



9.7160, 24.2970, 0.2491

Inverse Universe

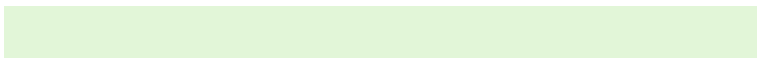
The Inverse Universe completely reimagines the original color for something new.



227.8200, 6.4977, 15.9439



232.0100, 8.3761, 20.1622



236.6000, -10.1558, -9.2962



114.7280, 2.5991, 6.3775



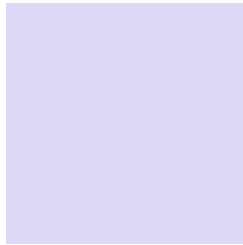
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 220.9150, 12.3669, 0.0745 looks on a white background.

Color Contrast Check

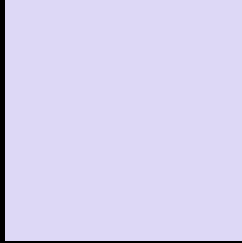
Large Text (above 18pt) WCAG AA × Fail

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 220.9150, 12.3669, 0.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

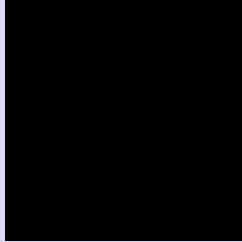
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.9150, 12.3669, 0.0745

Background



This preview shows how black text looks on a background with the YUV color 220.9150, 12.3669, 0.0745.



This preview shows how white text looks on a background with the YUV color 220.9150, 12.3669,

0.0745.

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

220.9150, 12.3669, 0.0745

Protanopia

220.4090, 13.1094, -4.7437

Deuteranopia

221.8340, 11.9138, 5.4076



Tritanopia

220.2370, 7.2782, -1.0848

Trichromacy



Original Color

220.9150, 12.3669, 0.0745

Protanomaly

220.4200, 13.1039, -2.9993

Deuteranomaly

221.5240, 12.0667, 3.0485

Tritanomaly

220.4050, 9.1673, -0.3552

Monochromacy



Original Color

220.9150, 12.3669, 0.0745

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.9150, 12.3669, 0.0745 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(221, 216, 246)` looks like.

```
.text, #text, p{  
    color:rgb(221, 216, 246)  
}
```

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(221, 216, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 216, 246) }
```

Border

The CSS property to change the border of an element to YUV 220.9150, 12.3669, 0.0745 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(221, 216, 246) }
```


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

```
.border{ border-color:rgb(221, 216, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 216, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 216, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 216, 246);  
box-shadow:4px 4px 4px 4px rgb(221, 216,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 220.9150, 12.3669, 0.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 216, 246) }
```

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

```
.background{ background-color: rgb(221,  
216, 246) }
```

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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