

Converting Colors

YUV(205.7930, 24.2591,
12.4595)

Have a look what the booklet for
YUV(205.7930, 24.2591, 12.4595)
contains.

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Color

**YUV(205.7930, 24.2591,
12.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBDFF
RGB	220, 189, 255
RGB Percent	86%, 74%, 100%
CMY	0.1373, 0.2588, 0.0000
CMYK	0.14, 0.26, 0.00, 0.00
HSL	268°, 100%, 87%
HSV	268°, 26%, 100%
XYZ	65.7628, 58.8308, 102.4972
YIQ	205.7930, -2.7100, 27.0980

Conversions

Conversions Part 2

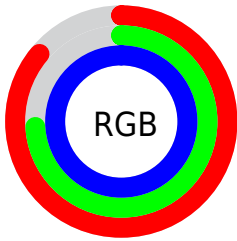
Format	Color
R _Y B	220, 189, 255
Decimal	14466559
CIE Lab	81.20, 23.27, -28.43
CIE LCh	81, 36.739, 309.307
Yxy	58.8308, 0.2896, 0.2591
Android (android.graphics.Color)	4292656639 (0xFFDCBDFF)
YUV	205.7930, 24.2591, 12.4595
Hunter-Lab	76.7013, 18.8167, -25.5393

Details

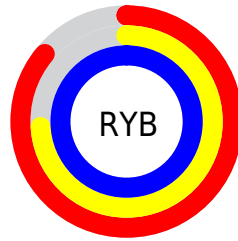
The YUV color $205.7930, 24.2591, 12.4595$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $238.2070, -24.2591, -12.4595$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $150.8530, 23.2435, 11.5299$ is the 20% darker color. If you saturate the color by 10%, you get $186.9320, 33.5575, 16.7226$, and if you desaturate by 10%, it is $225.2410, 14.6712, 7.6816$.

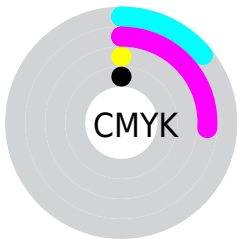
Distribution



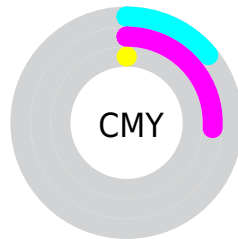
- Red (86%)
- Green (74%)
- Blue (100%)



- Red (86%)
- Yellow (74%)
- Blue (100%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.7930, 24.2591, 12.4595 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 205.7930, 24.2591, 12.4595 by changing the saturation by 10% instead.


 205.7930, 24.2591,
12.4595


 205.7930, 24.2591,
12.4595


255.0000, 0.0000,
0.0000


 178.2660, 23.5329,
12.0447


 249.1300, 2.8939,
5.1480

 150.8530, 23.2435,
11.5299

 125.3260, 22.5173,
11.1151

 99.7990, 21.7911,
10.7003

 75.5600, 20.9229,
9.1559

 52.0330, 20.1967,
8.7411

 29.7940, 19.3286,

7.1967

■ 11.3380, 17.5814,
7.5966

■ 3.4370, 10.6306,
-3.0142

■ 205.7930, 24.2591,
12.4595

■ 205.7930, 24.2591,
12.4595

■ 186.9320, 33.5575,
16.7226

■ 225.2410, 14.6712,
7.6816

■ 167.7830, 42.9980,
22.1153

■ 243.8030, 5.5201,
2.8038

■ 148.9220, 52.2965,
26.3784

■ 255.0000, 0.0000,
0.0000

■ 129.7730, 61.7369,
31.7711

■ 110.9120, 71.0354,
36.0342

■ 91.7630, 80.4758,
41.4268

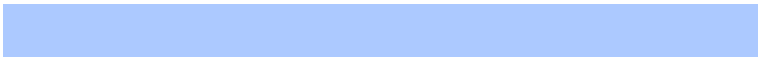
■ 72.9020, 89.7743,
45.6899

■ 64.9500, 93.6947,
48.2789

Harmonies

Analogous

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



198.4850, 27.8619, -23.2273



205.7930, 24.2591, 12.4595



206.8970, 9.9108, 41.3093

Triad

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



205.7930, 24.2591, 12.4595



201.4030, -31.2577, 39.1116



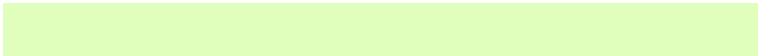
183.1970, 14.1999, -74.7178

Complementary

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



205.7930, 24.2591, 12.4595



238.2070, -24.2591, -12.4595

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.



189.2810, -6.5475, -46.7274



205.7930, 24.2591, 12.4595



198.6080, -32.3447, 14.3758

Square

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



205.7930, 24.2591, 12.4595



200.7320, -20.0809, 47.5930



194.7120, -23.5220, -15.5334



181.1970, 30.9619, -84.3648

Rectangle

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



205.7930, 24.2591, 12.4595



202.8130, 0.5852, 45.7680



194.7120, -23.5220, -15.5334



184.8300, 7.4788, -65.6259

Sweetspot

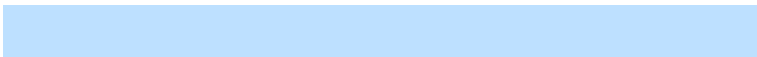
The Sweet Spot groups the original color and five complimentary colors.



205.7930, 24.2591, 12.4595



239.9710, 7.4093, 3.5334



217.0690, 18.7000, -24.6165



118.2760, 4.7939, 2.3889



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.



205.7930, 24.2591, 12.4595



196.0690, 29.0530, 14.8485



215.6600, 19.3946, 32.7472



118.2760, 4.7939, 2.3889



48.6840, 70.1618, 36.2341



16.2660, 23.5329, 12.0447

Inverse Universe

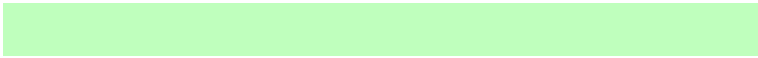
The Inverse Universe completely reimagines the original color for something new.



212.7240, 5.5591, 37.0761



204.4090, 6.7004, 44.3683



228.3400, -19.3946, -32.7472



119.6850, 1.1413, 7.2923



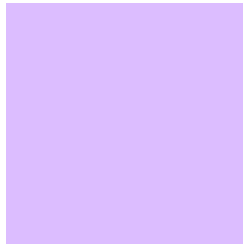
68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 205.7930, 24.2591, 12.4595 looks on a white background.

Color Contrast Check

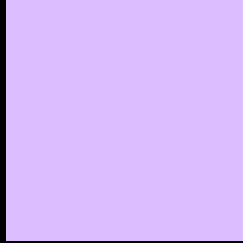
Large Text (above 18pt) WCAG AA × Fail

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 205.7930, 24.2591, 12.4595 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 205.7930, 24.2591, 12.4595

Background



This preview shows how black text looks on a background with the YUV color 205.7930, 24.2591, 12.4595.

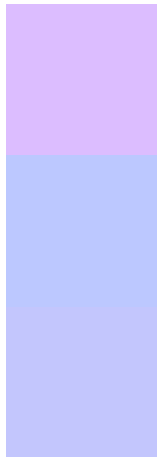


This preview shows how white text looks on a background with the YUV color 205.7930, 24.2591,

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

205.7930, 24.2591, 12.4595

Protanopia

202.6820, 25.7928, -12.8761

Deuteranopia

203.3730, 24.4661, -7.3431



Tritanopia

203.4940, 4.1935, 8.3368

Trichromacy



Original Color

205.7930, 24.2591, 12.4595

Protanomaly

203.9220, 25.1815, -3.4396

Deuteranomaly

204.4170, 24.4444, -0.3657

Tritanomaly

204.4540, 11.6082, 10.1258

Monochromacy



Original Color

205.7930, 24.2591, 12.4595

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0250, 8.8617, 4.3631

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.7930, 24.2591, 12.4595 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(220, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 255)  
}
```

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(220, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 255) }
```

Border

The CSS property to change the border of an element to YUV 205.7930, 24.2591, 12.4595 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(220, 189, 255) }
```


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

```
.border{ border-color:rgb(220, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 255); box-shadow:4px 4px 4px 4px rgb(220, 189, 255) }
```

Background

The CSS property to change the background color of an element to YUV 205.7930, 24.2591, 12.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 255) }
```

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

```
.background{ background-color: rgb(220,  
189, 255) }
```

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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