

Converting Colors

YUV(192.4040, 30.8598,
-4.7393)

Have a look what the booklet for
YUV(192.4040, 30.8598, -4.7393)
contains.

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Color

**YUV(192.4040, 30.8598,
-4.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB7FF
RGB	187, 183, 255
RGB Percent	73%, 72%, 100%
CMY	0.2667, 0.2824, 0.0000
CMYK	0.27, 0.28, 0.00, 0.00
HSL	243°, 100%, 86%
HSV	243°, 28%, 100%
XYZ	55.4770, 51.6518, 101.6536
YIQ	192.4040, -20.7280, 23.2400

Conversions

Conversions Part 2

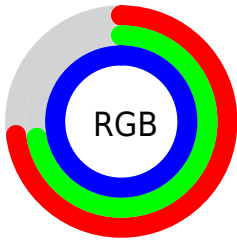
Format	Color
RYB	187, 183, 255
Decimal	12302335
CIELab	77.07, 16.68, -35.00
CIELCh	77, 38.776, 295.485
Yxy	51.6518, 0.2657, 0.2474
Android (android.graphics.Color)	4290492415 (0xFFBBB7FF)
YUV	192.4040, 30.8598, -4.7393
Hunter-Lab	71.8692, 12.0161, -33.5529

Details

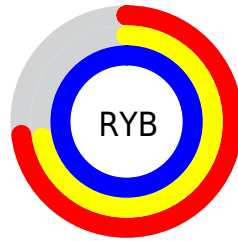
The YUV color **192.4040, 30.8598, -4.7393** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245.5960, -30.8598, 4.7393**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.3190, 6.2517, 1.4742**, and **138.3500, 29.4075, -5.5689** is the 20% darker color. If you saturate the color by 10%, you get **170.5530, 41.6324, -6.6240**, and if you desaturate by 10%, it is **214.8420, 19.7979, -3.3694**.

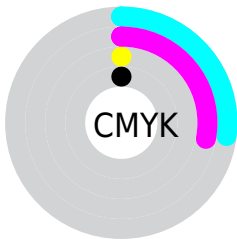
Distribution



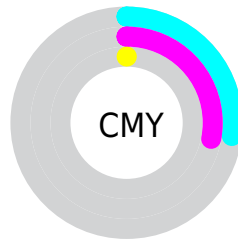
- Red (73%)
- Green (72%)
- Blue (100%)



- Red (73%)
- Yellow (72%)
- Blue (100%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.4040, 30.8598, -4.7393 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 192.4040, 30.8598, -4.7393 by changing the saturation by 10% instead.

■ 192.4040, 30.8598,
-4.7393

■ 192.4040, 30.8598,
-4.7393

255.0000, 0.0000,
0.0000

■ 164.8770, 30.1336,
-5.1541

■ 242.3190, 6.2517,
1.4742

■ 138.3500, 29.4075,
-5.5689

■ 112.8230, 28.6813,
-5.9838

■ 87.8830, 27.6657,
-6.9134

■ 63.6440, 26.7975,
-8.4578

■ 40.3940, 25.9348,
-11.7465

■ 17.8450, 25.2194,

-15.6501

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 192.4040, 30.8598,
-4.7393

■ 192.4040, 30.8598,
-4.7393

■ 170.5530, 41.6324,
-6.6240

■ 214.8420, 19.7979,
-3.3694

■ 148.1150, 52.6943,
-7.9939

■ 236.6930, 9.0254,
-1.4848

■ 125.6770, 63.7562,
-9.3637

■ 255.0000, 0.0000,
0.0000

■ 103.8260, 74.5288,
-11.2484

■ 81.9750, 85.3013,
-13.1331

■ 59.2380, 96.5107,
-15.1177

■ 37.3870, 107.2832,
-17.0024

■ 33.2560, 109.3198,
-16.8875

Harmonies

Analogous

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



182.7040, 35.6419, -45.3444



192.4040, 30.8598, -4.7393



195.1930, 17.6529, 31.4027

Triad

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



192.4040, 30.8598, -4.7393



191.0390, -29.1062, 49.0778



171.9500, 5.4477, -67.4851

Complementary

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



192.4040, 30.8598, -4.7393



245.5960, -30.8598, 4.7393

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.



179.3660, -15.4634, -33.6470



192.4040, 30.8598, -4.7393



188.1150, -34.5667, 27.0861

Square

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



192.4040, 30.8598, -4.7393



191.4540, -15.0138, 55.7298



184.4920, -29.8226, -1.3085



164.2080, 27.5055, -95.7754

Rectangle

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



192.4040, 30.8598, -4.7393



195.4310, 6.6895, 47.8570



184.4920, -29.8226, -1.3085



174.7790, -1.8630, -55.9342

Sweetspot

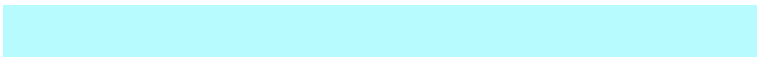
The Sweet Spot groups the original color and five complimentary colors.



192.4040, 30.8598, -4.7393



237.5790, 8.5886, -1.3848



231.1240, 11.7709, -42.2047



116.4820, 5.6784, -1.2997



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.



192.4040, 30.8598, -4.7393



179.4130, 37.2644, -5.6242



203.1680, 25.5532, 17.3927



116.4820, 5.6784, -1.2997



25.0630, 81.8069, -12.3333



8.4920, 27.3654, -3.9395

Inverse Universe

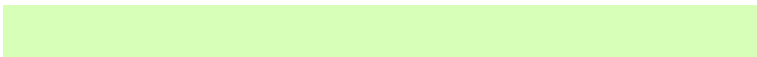
The Inverse Universe completely reimagines the original color for something new.



212.2800, 19.0890, 37.4654



203.3610, 22.9930, 45.2874



234.8320, -25.5532, -17.3927



120.2550, 3.3253, 6.7924



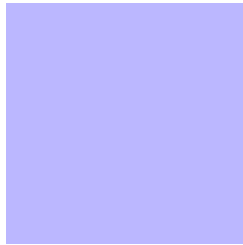
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 192.4040, 30.8598, -4.7393 looks on a white background.

Color Contrast Check

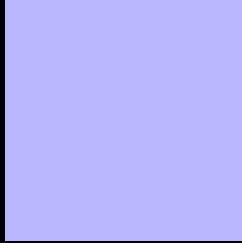
Large Text (above 18pt) WCAG AA × Fail

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 192.4040, 30.8598, -4.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

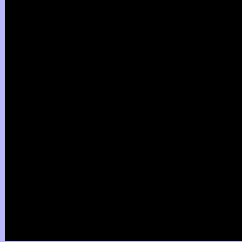
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.4040, 30.8598, -4.7393

Background



This preview shows how black text looks on a background with the YUV color 192.4040, 30.8598, -4.7393.



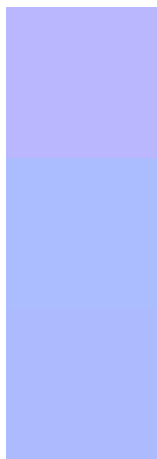
This preview shows how white text looks on a background with the YUV color 192.4040, 30.8598, -4.7393.

-4.7393.

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

192.4040, 30.8598, -4.7393

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

190.4520, 31.3292, -15.3054



Tritanopia

189.5240, 8.6157, -10.1065

Trichromacy



Original Color

192.4040, 30.8598, -4.7393

Protanomaly

191.1750, 31.4657, -12.4315

Deuteranomaly

191.3600, 30.8815, -11.7167

Tritanomaly

190.5980, 16.4672, -8.4174

Monochromacy



Original Color

192.4040, 30.8598, -4.7393

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.2630, 11.2093, -1.9847

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.4040, 30.8598, -4.7393 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(187, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 183, 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(187, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 183, 255) }
```

Border

The CSS property to change the border of an element to YUV 192.4040, 30.8598, -4.7393 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(187, 183, 255) }
```


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

```
.border{ border-color:rgb(187, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 192.4040, 30.8598, -4.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 183, 255) }
```

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

```
.background{ background-color: rgb(187,  
183, 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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