

Converting Colors

YUV(193.8670, 25.2086,
-12.1614)

Have a look what the booklet for
YUV(193.8670, 25.2086, -12.1614)
contains.

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Color

**YUV(193.8670, 25.2086,
-12.1614)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BFF5
RGB	180, 191, 245
RGB Percent	71%, 75%, 96%
CMY	0.2941, 0.2510, 0.0392
CMYK	0.27, 0.22, 0.00, 0.04
HSL	230°, 76%, 83%
HSV	230°, 27%, 96%
XYZ	53.9346, 53.5575, 93.8812
YIQ	193.8670, -23.8900, 14.4620

Conversions

Conversions Part 2

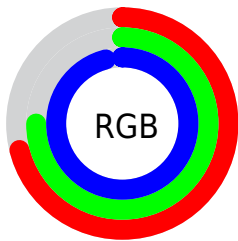
Format	Color
RYB	180, 189, 245
Decimal	11845621
CIELab	78.20, 7.90, -27.94
CIELCh	78, 29.034, 285.791
Yxy	53.5575, 0.2678, 0.2660
Android (android.graphics.Color)	4290035701 (0xFFB4BFF5)
YUV	193.8670, 25.2086, -12.1614
Hunter-Lab	73.1830, 3.4813, -24.8308

Details

The YUV color $193.8670, 25.2086, -12.1614$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.1330, -25.2086, 12.1614$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9220, 4.9685, -6.9476$, and $140.2260, 24.0456, -12.4762$ is the 20% darker color. If you saturate the color by 10%, you get $174.9510, 34.5342, -16.6200$, and if you desaturate by 10%, it is $213.0820, 15.7356, -7.0879$.

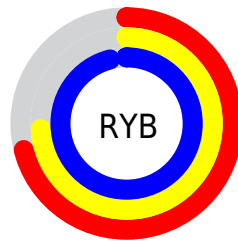
Distribution



Red (71%)

Green (75%)

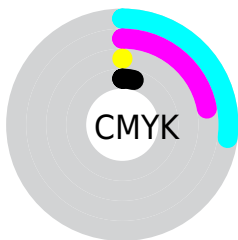
Blue (96%)



Red (71%)

Yellow (74%)

Blue (96%)

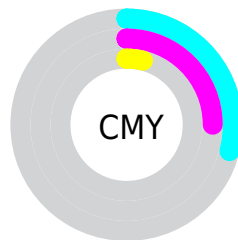


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8670, 25.2086, -12.1614 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 193.8670, 25.2086, -12.1614 by changing the saturation by 10% instead.

■ 193.8670, 25.2086,
-12.1614

■ 193.8670, 25.2086,
-12.1614

255.0000, 0.0000,
0.0000

■ 166.6390, 24.3350,
-11.9614

■ 244.9220, 4.9685,
-6.9476

■ 140.2260, 24.0456,
-12.4762

■ 113.9980, 23.1720,
-12.2762

■ 89.1720, 22.5932,
-13.3058

■ 65.3460, 22.0144,
-14.3354

■ 41.8080, 21.2937,
-16.4946

■ 20.4550, 19.9887,

-17.9390

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 193.8670, 25.2086,
-12.1614

■ 193.8670, 25.2086,
-12.1614

■ 174.9510, 34.5342,
-16.6200

■ 213.0820, 15.7356,
-7.0879

■ 155.1490, 44.2965,
-21.1787

■ 232.5850, 6.1206,
-3.1440

■ 136.2330, 53.6221,
-25.6373

■ 251.8000, -3.3524,
1.9294

■ 117.0180, 63.0951,
-30.7108

■ 253.8600, -4.3680,
0.9998

■ 97.5150, 72.7101,
-34.6547

■ 78.3000, 82.1831,
-39.7281

■ 59.3840, 91.5087,
-44.1868

■ 51.9970, 95.1505,
-45.6014

Harmonies

Analogous

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



187.7880, 28.2055, -40.1561



193.8670, 25.2086, -12.1614



197.4530, 16.5387, 15.3887

Triad

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



193.8670, 25.2086, -12.1614



195.5140, -19.4804, 41.6452



183.7640, -2.3487, -40.1350

Complementary

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



193.8670, 25.2086, -12.1614



231.1330, -25.2086, 12.1614

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.



187.0630, -15.8071, -16.7183



193.8670, 25.2086, -12.1614



193.2320, -25.2574, 27.8605

Square

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



193.8670, 25.2086, -12.1614



196.8100, -8.2873, 44.8936



190.3280, -24.3187, 6.7283



180.9650, 12.8353, -56.9743

Rectangle

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



193.8670, 25.2086, -12.1614



198.1900, 8.7803, 30.5284



190.3280, -24.3187, 6.7283



184.8420, -7.3171, -33.1874

Sweetspot

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



193.8670, 25.2086, -12.1614



239.0410, 7.8678, -3.5440



224.1970, 4.3399, -38.7608



117.6560, 5.0996, -2.3293



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.



193.8670, 25.2086, -12.1614



190.5660, 31.7660, -15.4054



193.6890, 25.2963, 6.4117



112.5420, 4.6628, -2.2293



39.9880, 71.9839, -35.0695



12.5960, 22.8772, -11.0467

Inverse Universe

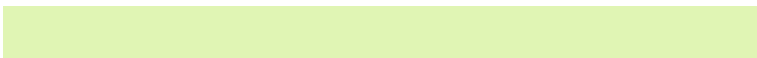
The Inverse Universe completely reimagines the original color for something new.



200.6890, -4.7767, 38.8607



199.1140, -5.9722, 49.0120



231.3110, -25.2963, -6.4117



113.8160, -0.8953, 7.1774



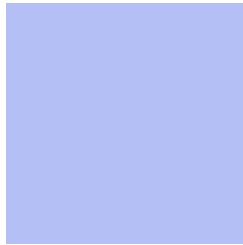
59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 193.8670, 25.2086, -12.1614 looks on a white background.

Color Contrast Check

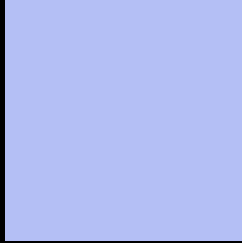
Large Text (above 18pt) WCAG AA × Fail

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 193.8670, 25.2086, -12.1614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

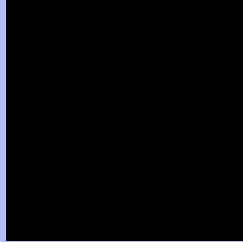
Any Text WCAG AA ✓ Pass

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 193.8670, 25.2086, -12.1614 Background



This preview shows how black text looks on a background with the YUV color 193.8670, 25.2086, -12.1614.



This preview shows how white text looks on a background with the YUV color 193.8670, 25.2086, -12.1614.

-12.1614.

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

193.8670, 25.2086, -12.1614

Protanopia

193.8670, 25.2086, -12.1614

Deuteranopia

194.7750, 24.7609, -8.5727



Tritanopia

191.6480, 10.5265, -16.3543

Trichromacy



Original Color

193.8670, 25.2086, -12.1614

Protanomaly

193.8670, 25.2086, -12.1614

Deuteranomaly

194.1770, 25.0557, -9.8022

Tritanomaly

192.7390, 15.9047, -14.6801

Monochromacy



Original Color

193.8670, 25.2086, -12.1614

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0840, 9.3256, -4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8670, 25.2086, -12.1614 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(180, 191, 245)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 245)  
}
```

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(180, 191, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 245) }
```

Border

The CSS property to change the border of an element to YUV 193.8670, 25.2086, -12.1614 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(180, 191, 245) }
```


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

```
.border{ border-color:rgb(180, 191, 245) }
```

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

Here you see how a box with a 4 pixel rgb(180, 191, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 245);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 193.8670, 25.2086, -12.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 245) }
```

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

```
.background{ background-color: rgb(180,  
191, 245) }
```

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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