

Converting Colors

YUV(200.3230, 26.9558,
-12.5613)

Have a look what the booklet for
YUV(200.3230, 26.9558, -12.5613)
contains.

YUV(200.3230, 26.9558, -12.5613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.3230, 26.9558,
-12.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC5FF
RGB	186, 197, 255
RGB Percent	73%, 77%, 100%
CMY	0.2706, 0.2275, 0.0000
CMYK	0.27, 0.23, 0.00, 0.00
HSL	230°, 100%, 86%
HSV	230°, 27%, 100%
XYZ	58.2660, 57.5916, 102.6531
YIQ	200.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

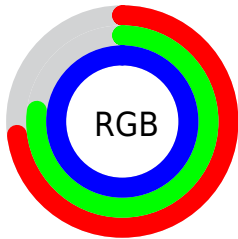
Format	Color
RYB	186, 195, 255
Decimal	12240383
CIELab	80.51, 8.75, -29.71
CIElCh	81, 30.973, 286.408
Yxy	57.5916, 0.2667, 0.2636
Android (android.graphics.Color)	4290430463 (0xFFBAC5FF)
YUV	200.3230, 26.9558, -12.5613
Hunter-Lab	75.8891, 4.2423, -27.0775

Details

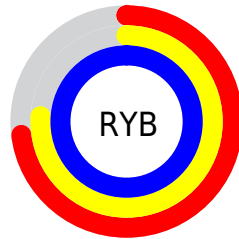
The YUV color $200.3230, 26.9558, -12.5613$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $240.6770, -26.9558, 12.5613$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8250, 2.0583, -6.8625$, and $145.6820, 25.7928, -12.8761$ is the 20% darker color. If you saturate the color by 10%, you get $180.5210, 36.7181, -17.1199$, and if you desaturate by 10%, it is $220.1250, 17.1934, -8.0026$.

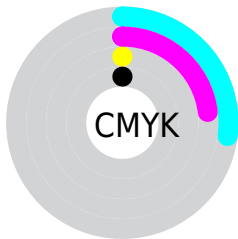
Distribution



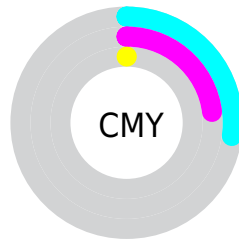
- Red (73%)
- Green (77%)
- Blue (100%)



- Red (73%)
- Yellow (76%)
- Blue (100%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3230, 26.9558, -12.5613 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 200.3230, 26.9558, -12.5613 by changing the saturation by 10% instead.

■ 200.3230, 26.9558,
-12.5613

■ 200.3230, 26.9558,
-12.5613

255.0000, 0.0000,
0.0000

■ 172.7960, 26.2296,
-12.9761

■ 250.8250, 2.0583,
-6.8625

■ 145.6820, 25.7928,
-12.8761

■ 120.1550, 25.0666,
-13.2909

■ 94.6280, 24.3404,
-13.7058

■ 70.6880, 23.3248,
-14.6354

■ 46.8510, 22.7515,
-17.4093

■ 23.7150, 22.3255,

-20.7981

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 200.3230, 26.9558,
-12.5613

■ 200.3230, 26.9558,
-12.5613

■ 180.5210, 36.7181,
-17.1199

■ 220.1250, 17.1934,
-8.0026

■ 159.8330, 46.9173,
-21.7785

■ 240.8130, 6.9942,
-3.3440

■ 139.7320, 56.8271,
-26.9520

■ 255.0000, 0.0000,
0.0000

■ 119.3430, 66.8789,
-30.9958

■ 99.2420, 76.7887,
-36.1692

■ 78.8530, 86.8405,
-40.2131

■ 59.0510, 96.6029,
-44.7717

■ 53.1370, 99.5185,
-46.6011

Harmonies

Analogous

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



193.3470, 30.3949, -42.4003



200.3230, 26.9558, -12.5613



204.1050, 17.6962, 17.4479

Triad

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



200.3230, 26.9558, -12.5613



201.4820, -20.9436, 44.3043



188.8560, -1.9010, -43.7237

Complementary

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



200.3230, 26.9558, -12.5613



240.6770, -26.9558, 12.5613

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.



193.1120, -16.8172, -19.3922



200.3230, 26.9558, -12.5613



199.3740, -27.2994, 29.4900

Square

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



200.3230, 26.9558, -12.5613



202.4080, -8.5821, 46.1232



196.5730, -25.9185, 6.5135



185.6870, 14.4513, -61.9925

Rectangle

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



200.3230, 26.9558, -12.5613



204.7280, 9.5011, 32.6875



196.5730, -25.9185, 6.5135



190.2330, -7.0169, -36.1613

Sweetspot

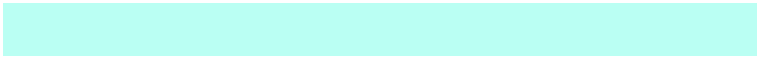
The Sweet Spot groups the original color and five complimentary colors.



200.3230, 26.9558, -12.5613



239.0410, 7.8678, -3.5440



233.0010, 4.9295, -41.2199



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.



200.3230, 26.9558, -12.5613



189.9790, 32.0554, -14.8906



200.7430, 26.7487, 7.2414



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Inverse Universe

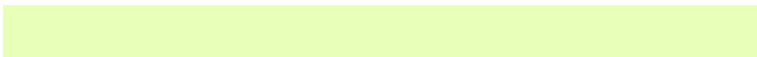
The Inverse Universe completely reimagines the original color for something new.



207.8850, -5.3663, 41.3199



199.0000, -6.4090, 49.1120



240.2570, -26.7487, -7.2414



119.1150, -1.0427, 7.7921



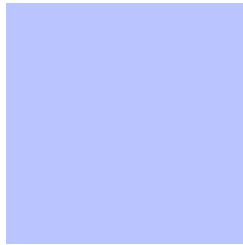
60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 200.3230, 26.9558, -12.5613 looks on a white background.

Color Contrast Check

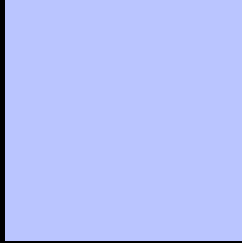
Large Text (above 18pt) WCAG AA × Fail

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 200.3230, 26.9558, -12.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

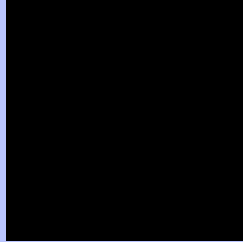
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.3230, 26.9558, -12.5613

Background



This preview shows how black text looks on a background with the YUV color 200.3230, 26.9558, -12.5613.



This preview shows how white text looks on a background with the YUV color 200.3230, 26.9558, -12.5613.

-12.5613.

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

200.3230, 26.9558, -12.5613

Protanopia

200.0240, 27.1032, -13.1760

Deuteranopia

200.9320, 26.6555, -9.5874



Tritanopia

197.7620, 10.9633, -16.4543

Trichromacy



Original Color

200.3230, 26.9558, -12.5613

Protanomaly

200.0240, 27.1032, -13.1760

Deuteranomaly

200.6330, 26.8029, -10.2021

Tritanomaly

198.9670, 16.7783, -14.8801

Monochromacy



Original Color

200.3230, 26.9558, -12.5613

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3230, 26.9558, -12.5613 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(186, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 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(186, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 255) }
```

Border

The CSS property to change the border of an element to YUV 200.3230, 26.9558, -12.5613 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

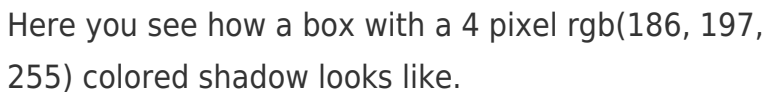
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 197, 255) }
```


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

```
.border{ border-color:rgb(186, 197, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 197, 255); box-shadow:4px 4px 4px 4px rgb(186, 197, 255) }
```

Background

The CSS property to change the background color of an element to YUV 200.3230, 26.9558, -12.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 255) }
```

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

```
.background{ background-color: rgb(186,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor