

Converting Colors

YUV(202.9810, 25.6454,
-12.2613)

Have a look what the booklet for
YUV(202.9810, 25.6454, -12.2613)
contains.

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Color

**YUV(202.9810, 25.6454,
-12.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC8FF
RGB	189, 200, 255
RGB Percent	74%, 78%, 100%
CMY	0.2588, 0.2157, 0.0000
CMYK	0.26, 0.22, 0.00, 0.00
HSL	230°, 100%, 87%
HSV	230°, 26%, 100%
XYZ	59.6905, 59.3474, 102.9169
YIQ	202.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

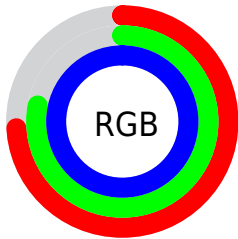
Format	Color
RYB	189, 198, 255
Decimal	12437759
CIELab	81.48, 8.00, -28.21
CIELCh	81, 29.318, 285.831
Yxy	59.3474, 0.2689, 0.2674
Android (android.graphics.Color)	4290627839 (0xFFBDC8FF)
YUV	202.9810, 25.6454, -12.2613
Hunter-Lab	77.0372, 3.4915, -25.2816

Details

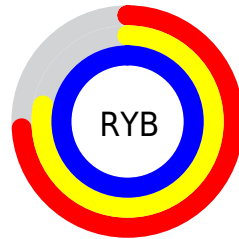
The YUV color $202.9810, 25.6454, -12.2613$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.0190, -25.6454, 12.2613$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, 1.3267, -5.5330$, and $148.3400, 24.4824, -12.5762$ is the 20% darker color. If you saturate the color by 10%, you get $183.1790, 35.4078, -16.8200$, and if you desaturate by 10%, it is $223.0820, 15.7356, -7.0879$.

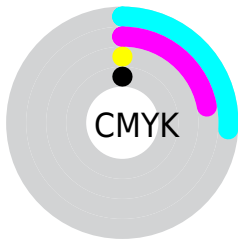
Distribution



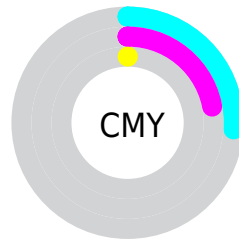
- Red (74%)
- Green (78%)
- Blue (100%)



- Red (74%)
- Yellow (78%)
- Blue (100%)



- Cyan (26%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9810, 25.6454, -12.2613 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 202.9810, 25.6454, -12.2613 by changing the saturation by 10% instead.

■ 202.9810, 25.6454,
-12.2613

■ 202.9810, 25.6454,
-12.2613

255.0000, 0.0000,
0.0000

■ 175.4540, 24.9192,
-12.6762

■ 252.3090, 1.3267,
-5.5330

■ 148.3400, 24.4824,
-12.5762

■ 122.8130, 23.7562,
-12.9910

■ 97.2860, 23.0300,
-13.4058

■ 72.7590, 22.3038,
-13.8206

■ 49.2210, 21.5830,
-15.9798

■ 24.8890, 21.7467,

-21.8277

■ 7.1190, 19.6613,
-6.2434

■ 3.4370, 10.6306,
-3.0142

■ 202.9810, 25.6454,
-12.2613

■ 202.9810, 25.6454,
-12.2613

■ 183.1790, 35.4078,
-16.8200

■ 223.0820, 15.7356,
-7.0879

■ 163.0780, 45.3175,
-21.9934

■ 243.4710, 5.6838,
-3.0441

■ 142.6890, 55.3693,
-26.0373

255.0000, 0.0000,
0.0000

■ 122.5880, 65.2791,
-31.2107

■ 102.7860, 75.0415,
-35.7693

■ 82.6850, 84.9513,
-40.9427

■ 62.2960, 95.0031,
-44.9866

■ 54.3110, 98.9397,
-47.6307

Harmonies

Analogous

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



196.9020, 28.6423, -40.2561



202.9810, 25.6454, -12.2613



206.8660, 16.8281, 15.9035

Triad

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



202.9810, 25.6454, -12.2613



204.6990, -20.0646, 42.3600



192.4650, -2.2012, -40.7498

Complementary

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



202.9810, 25.6454, -12.2613



241.0190, -25.6454, 12.2613

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.



196.3510, -15.9490, -17.8478



202.9810, 25.6454, -12.2613



202.1180, -25.6942, 27.9605

Square

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



202.9810, 25.6454, -12.2613



205.2120, -7.9925, 43.6641



199.5130, -24.9029, 7.4431



189.6660, 12.9827, -57.5891

Rectangle

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



202.9810, 25.6454, -12.2613



207.3040, 9.2171, 30.4284



199.5130, -24.9029, 7.4431



193.8420, -7.3171, -33.1874

Sweetspot

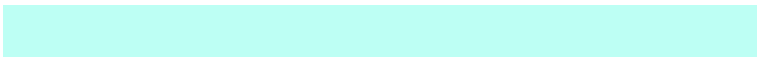
The Sweet Spot groups the original color and five complimentary colors.



202.9810, 25.6454, -12.2613



239.0410, 7.8678, -3.5440



234.0120, 4.9241, -39.4755



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.



202.9810, 25.6454, -12.2613



192.6370, 30.7450, -14.5906



203.1020, 25.5857, 6.9265



117.6560, 5.0996, -2.3293



40.5580, 74.1679, -35.5694



13.7530, 24.7718, -12.0614

Inverse Universe

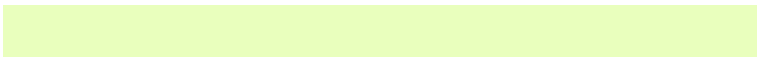
The Inverse Universe completely reimagines the original color for something new.



209.9880, -4.9241, 39.4755



201.1030, -5.9668, 47.2677



240.8980, -25.5857, -6.9265



119.1150, -1.0427, 7.7921



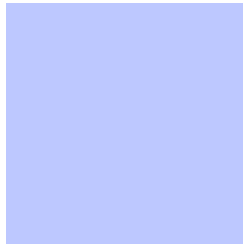
60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 202.9810, 25.6454, -12.2613 looks on a white background.

Color Contrast Check

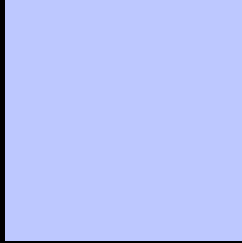
Large Text (above 18pt) WCAG AA × Fail

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 202.9810, 25.6454, -12.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

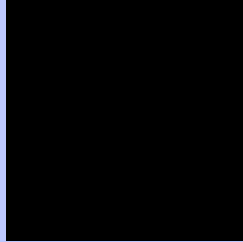
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.9810, 25.6454, -12.2613

Background



This preview shows how black text looks on a background with the YUV color 202.9810, 25.6454, -12.2613.



This preview shows how white text looks on a background with the YUV color 202.9810, 25.6454, -12.2613.

-12.2613.

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

202.9810, 25.6454, -12.2613

Protanopia

202.9810, 25.6454, -12.2613

Deuteranopia

203.3020, 25.4871, -8.1579



Tritanopia

200.6480, 10.5265, -16.3543

Trichromacy



Original Color

202.9810, 25.6454, -12.2613

Protanomaly

202.9810, 25.6454, -12.2613

Deuteranomaly

203.2910, 25.4925, -9.9022

Tritanomaly

201.7390, 15.9047, -14.6801

Monochromacy



Original Color

202.9810, 25.6454, -12.2613

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0840, 9.3256, -4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9810, 25.6454, -12.2613 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(189, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 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(189, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 255) }
```

Border

The CSS property to change the border of an element to YUV 202.9810, 25.6454, -12.2613 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(189, 200, 255) }
```


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

```
.border{ border-color:rgb(189, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 202.9810, 25.6454, -12.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 255) }
```

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

```
.background{ background-color: rgb(189,  
200, 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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