

Converting Colors

YUV(212.0660, 9.8275,
-25.4909)

Have a look what the booklet for
YUV(212.0660, 9.8275, -25.4909)
contains.

YUV(212.0660, 9.8275, -25.4909)	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(212.0660, 9.8275,
-25.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DFE8
RGB	183, 223, 232
RGB Percent	72%, 87%, 91%
CMY	0.2824, 0.1255, 0.0902
CMYK	0.21, 0.04, 0.00, 0.09
HSL	191°, 52%, 81%
HSV	191°, 21%, 91%
XYZ	60.4816, 68.6688, 86.4106
YIQ	212.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

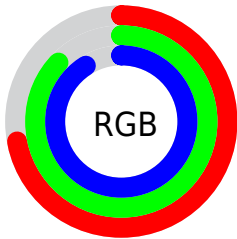
Format	Color
RYB	183, 205, 232
Decimal	12050408
CIELab	86.34, -11.06, -8.72
CIElCh	86, 14.082, 218.260
Yxy	68.6688, 0.2806, 0.3186
Android (android.graphics.Color)	4290240488 (0xFFB7DFE8)
YUV	212.0660, 9.8275, -25.4909
Hunter-Lab	82.8667, -14.7355, -3.8190

Details

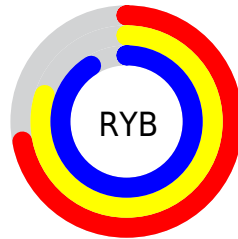
The YUV color $212.0660, 9.8275, -25.4909$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $202.9340, -9.8275, 25.4909$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, 2.2111, -9.2217$, and $157.2510, 9.2433, -24.7761$ is the 20% darker color. If you saturate the color by 10%, you get $202.8410, 14.3754, -37.5716$, and if you desaturate by 10%, it is $221.2910, 5.2795, -13.4102$.

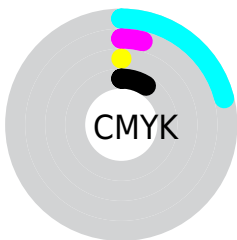
Distribution



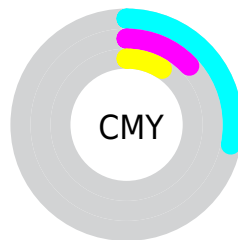
- Red (72%)
- Green (87%)
- Blue (91%)



- Red (72%)
- Yellow (80%)
- Blue (91%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.0660, 9.8275, -25.4909 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 212.0660, 9.8275, -25.4909 by changing the saturation by 10% instead.

■ 212.0660, 9.8275,
-25.4909

■ 212.0660, 9.8275,
-25.4909

255.0000, 0.0000,
0.0000

■ 184.3650, 9.6801,
-24.8761

■ 250.5150, 2.2111,
-9.2217

■ 157.2510, 9.2433,
-24.7761

■ 130.6640, 9.5326,
-24.2613

■ 105.5500, 9.0959,
-24.1613

■ 80.8490, 8.9484,
-23.5466

■ 57.1370, 8.8065,
-24.6761

■ 33.0550, 9.8329,

-27.2352

■ 18.2090, 6.3060,
-15.9693

■ 0.6840, 2.6208,
-0.5999

■ 212.0660, 9.8275,
-25.4909

■ 212.0660, 9.8275,
-25.4909

■ 202.8410, 14.3754,
-37.5716

■ 221.2910, 5.2795,
-13.4102

■ 193.0290, 19.2127,
-49.1374

■ 231.1030, 0.4422,
-1.8443

■ 183.5050, 23.9080,
-61.8329

■ 240.6270, -4.2531,
10.8511

■ 174.2800, 28.4560,
-73.9136

■ 243.5730, -5.7055,
10.0215

■ 165.0550, 33.0039,
-85.9942

■ 245.9210, -6.8631,
7.9623

■ 155.2430, 37.8412,
-97.5601

■ 248.8560, -8.3100,
5.3883

■ 146.0180, 42.3891,
-109.6408

■ 251.2040, -9.4676,
3.3291

■ 137.3910, 46.6422,
-120.4919

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



211.4700, 3.7123, -24.0912



212.0660, 9.8275, -25.4909



213.6090, 13.0108, -19.8281

Triad

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



212.0660, 9.8275, -25.4909



218.7230, 3.5876, 16.0289



215.1290, -12.3886, 6.9029

Complementary

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



212.0660, 9.8275, -25.4909



202.9340, -9.8275, 25.4909

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.



216.8960, -12.2737, 16.7542



212.0660, 9.8275, -25.4909



218.7470, -2.8333, 22.1469

Square

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



212.0660, 9.8275, -25.4909



217.5520, 9.5879, 4.7779



217.8520, -8.8010, 22.9318



213.5620, -9.1511, -4.8779

Rectangle

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



212.0660, 9.8275, -25.4909



215.0660, 13.2785, -12.3359



217.8520, -8.8010, 22.9318



216.0370, -12.8362, 10.4916

Sweetspot

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



212.0660, 9.8275, -25.4909



248.7540, 3.0793, -7.6773



212.7890, -10.2490, -26.1250



124.1350, 1.9054, -4.5034



0.0000, 0.0000, 0.0000



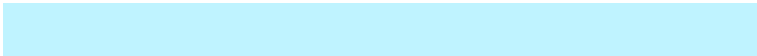
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.0660, 9.8275, -25.4909



228.8200, 12.9067, -33.1681



197.9780, 16.7728, -13.1357



110.2380, 2.3477, -6.3477



106.1080, 35.9358, -93.0567



30.4680, 10.1223, -26.7204

Inverse Universe

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



202.2110, 10.2490, 26.1250



216.0640, 13.2794, 34.1469



217.0220, -16.7728, 13.1357



107.7280, 2.5991, 6.3775



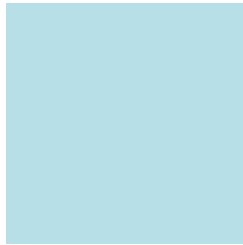
70.1650, 37.3867, 95.4483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 212.0660, 9.8275, -25.4909 looks on a white background.

Color Contrast Check

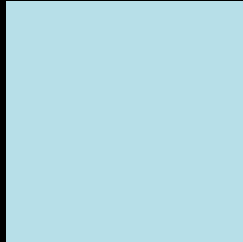
Large Text (above 18pt) WCAG AA × Fail

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 212.0660, 9.8275, -25.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

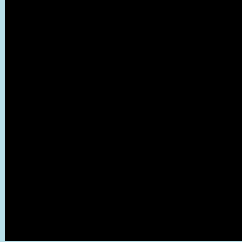
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.0660, 9.8275, -25.4909

Background



This preview shows how black text looks on a background with the YUV color 212.0660, 9.8275, -25.4909.



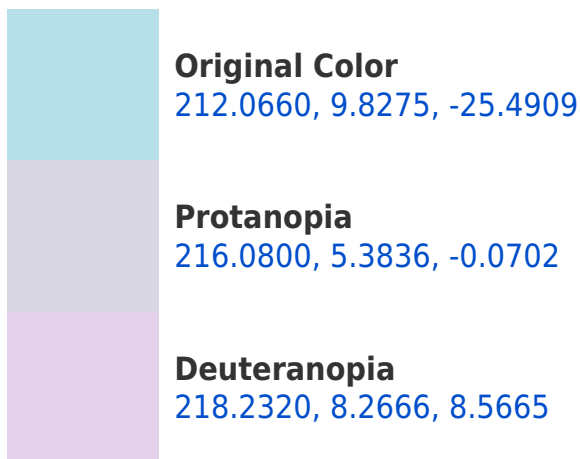
This preview shows how white text looks on a background with the YUV color 212.0660, 9.8275, -25.4909.

-25.4909.

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

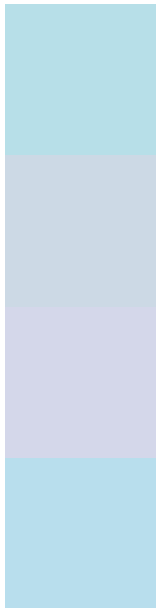




Tritanopia

212.9890, 13.3164, -24.5464

Trichromacy



Original Color

212.0660, 9.8275, -25.4909

Protanomaly

214.4810, 7.1579, -9.1918

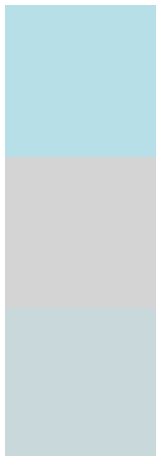
Deuteranomaly

216.2690, 8.7414, -3.7439

Tritanomaly

212.3480, 12.1534, -24.8612

Monochromacy



Original Color

212.0660, 9.8275, -25.4909

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.8570, 3.5215, -9.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.0660, 9.8275, -25.4909 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(183, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(183, 223, 232)  
}
```

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(183, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 223, 232) }
```

Border

The CSS property to change the border of an element to YUV 212.0660, 9.8275, -25.4909 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(183, 223, 232) }
```


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

```
.border{ border-color:rgb(183, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(183, 223,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 212.0660, 9.8275, -25.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 223, 232) }
```

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

```
.background{ background-color: rgb(183,  
223, 232) }
```

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