

Converting Colors

YUV(212.9790, -15.2726,
-48.2166)

Have a look what the booklet for
YUV(212.9790, -15.2726, -48.2166)
contains.

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Color

**YUV(212.9790, -15.2726,
-48.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	9EF7B6
RGB	158, 247, 182
RGB Percent	62%, 97%, 71%
CMY	0.3804, 0.0314, 0.2863
CMYK	0.36, 0.00, 0.26, 0.03
HSL	136°, 85%, 79%
HSV	136°, 36%, 97%
XYZ	55.8048, 77.1680, 56.2097
YIQ	212.9790, -32.1790, -39.0830

Conversions

Conversions Part 2

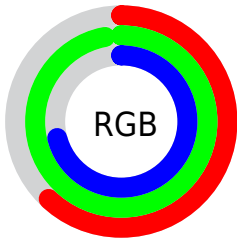
Format	Color
R_{YB}	158, 228, 247
Decimal	10418102
CIE _{Lab}	90.40, -39.94, 23.01
CIE _{LCh}	90, 46.090, 150.056
Yxy	77.1680, 0.2950, 0.4079
Android (android.graphics.Color)	4288608182 (0xFF9EF7B6)
YUV	212.9790, -15.2726, -48.2166
Hunter-Lab	87.8453, -40.3350, 23.5538

Details

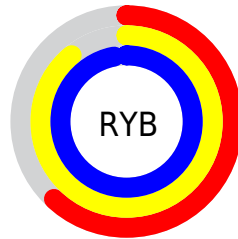
The YUV color **212.9790, -15.2726, -48.2166** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.0210, 15.2726, 48.2166**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1020, -1.5293, -22.8915**, and **157.0330, -13.8203, -47.3869** is the 20% darker color. If you saturate the color by 10%, you get **203.4520, -19.4498, -61.7864**, and if you desaturate by 10%, it is **222.5060, -11.0955, -34.6468**.

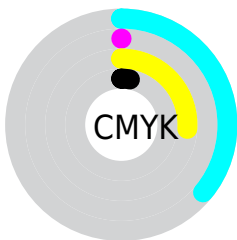
Distribution



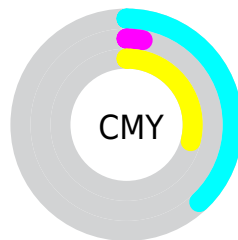
- Red (62%)
- Green (97%)
- Blue (71%)



- Red (62%)
- Yellow (89%)
- Blue (97%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9790, -15.2726, -48.2166 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 212.9790, -15.2726, -48.2166 by changing the saturation by 10% instead.

■ 212.9790,
-15.2726, -48.2166

■ 212.9790,
-15.2726, -48.2166

255.0000, 0.0000,
0.0000

■ 184.5060,
-14.5465, -47.8018

■ 241.1020, -1.5293,
-22.8915

■ 157.0330,
-13.8203, -47.3869

■ 251.7110, 1.6215,
-6.7625

■ 129.8480,
-13.2361, -48.1017

■ 102.5920,
-11.6309, -49.6312

■ 73.0470, -8.4042,
-57.9232

■ 53.6570, -10.1839,
-47.0572

■ 37.0610, -12.8481,

-32.5025

■ 23.4800, -11.5756,
-20.5920

■ 1.7610, -0.8682,
-1.5444

■ 212.9790,
-15.2726, -48.2166

■ 212.9790,
-15.2726, -48.2166

■ 203.4520,
-19.4498, -61.7864

■ 222.5060,
-11.0955, -34.6468

■ 194.2240,
-23.7744, -74.7414

■ 231.7340, -6.7709,
-21.6917

■ 184.6970,
-27.9516, -88.3113

■ 241.2610, -2.5937,
-8.1219

■ 175.1700,
-32.1288, -101.8811

■ 250.1900, 1.8783,
4.2184

■ 165.9420,
-36.4534, -114.8361

■ 250.3040, 2.3151,
4.1184

■ 156.4150,
-40.6306, -128.4060

■ 152.6270,
-42.2141, -133.8539

Harmonies

Analogous

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



219.8950, -34.4582, -7.8009



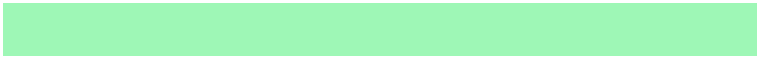
212.9790, -15.2726, -48.2166



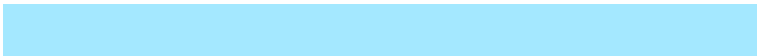
202.7020, 11.4859, -90.9467

Triad

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



212.9790, -15.2726, -48.2166



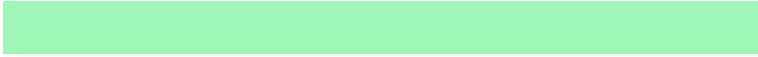
214.2900, 20.0700, -44.1043



213.0880, -13.3544, 36.7568

Complementary

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



212.9790, -15.2726, -48.2166



192.0210, 15.2726, 48.2166

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.



215.6420, 6.5855, 34.5170



212.9790, -15.2726, -48.2166



225.5290, 14.5292, 6.5521

Square

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



212.9790, -15.2726, -48.2166



198.0120, 28.0951, -98.2345



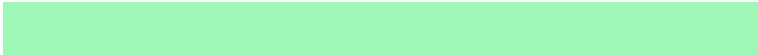
223.3020, 15.6271, 27.7991



216.8430, -31.9676, 33.4637

Rectangle

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



212.9790, -15.2726, -48.2166



193.7490, 30.1967, -119.0519



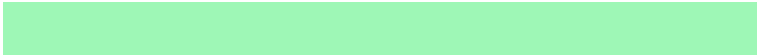
223.3020, 15.6271, 27.7991



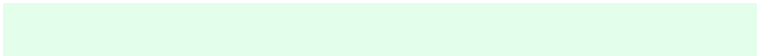
213.3960, -7.0972, 36.4867

Sweetspot

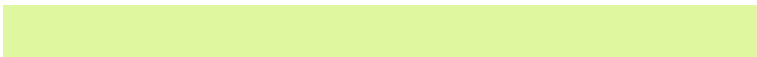
The Sweet Spot groups the original color and five complimentary colors.



212.9790, -15.2726, -48.2166



244.3480, -4.6086, -15.2142



229.6780, -35.3373, -5.8566



121.4350, -3.1725, -9.1515



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.



212.9790, -15.2726, -48.2166



212.9900, -18.7291, -59.6272



217.9950, 3.9465, -52.6156



117.3860, -2.1623, -6.4775



114.8820, -31.9868, -100.7515



36.4570, -10.0853, -31.9728

Inverse Universe

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



192.0210, 15.2726, 48.2166



187.0100, 18.7291, 59.6272



187.0050, -3.9465, 52.6156



114.6140, 2.1623, 6.4775



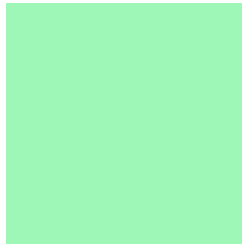
71.1180, 31.9868, 100.7515



22.5430, 10.0853, 31.9728

Previews

White Background



This preview shows how the YUV color 212.9790, -15.2726, -48.2166 looks on a white background.

Color Contrast Check

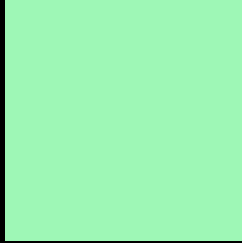
Large Text (above 18pt) WCAG AA × Fail

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 212.9790, -15.2726, -48.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

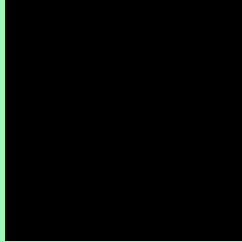
Any Text WCAG AA ✓ Pass

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 212.9790, -15.2726, -48.2166 Background



This preview shows how black text looks on a background with the YUV color 212.9790, -15.2726, -48.2166.



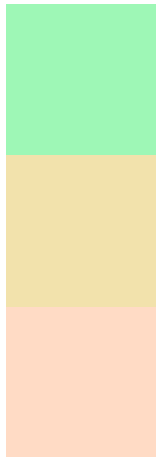
This preview shows how white text looks on a background with the YUV color 212.9790, -15.2726, -48.2166.

-48.2166.

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

212.9790, -15.2726, -48.2166

Protanopia

224.6280, -25.9456, 15.2352

Deuteranopia

227.2560, -14.9162, 24.3315



Tritanopia

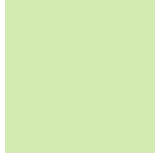
220.8130, 16.8542, -39.3010

Trichromacy



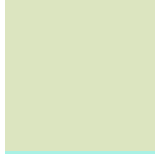
Original Color

212.9790, -15.2726, -48.2166



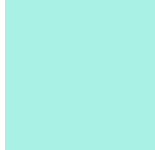
Protanomaly

220.5110, -21.9439, -8.3411



Deuteranomaly

222.0910, -14.8349, -1.8338



Tritanomaly

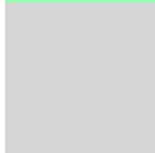
217.9900, 4.9349, -42.9642

Monochromacy



Original Color

212.9790, -15.2726, -48.2166



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8100, -5.3293, -17.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9790, -15.2726, -48.2166 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(158, 247, 182)` looks like.

```
.text, #text, p{  
    color:rgb(158, 247, 182)  
}
```

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(158, 247, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 247, 182) }
```

Border

The CSS property to change the border of an element to YUV 212.9790, -15.2726, -48.2166 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(158, 247, 182) }
```


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

```
.border{ border-color:rgb(158, 247, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 247, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 247, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 247, 182);  
box-shadow:4px 4px 4px 4px rgb(158, 247,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 212.9790, -15.2726, -48.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 247, 182) }
```

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

```
.background{ background-color: rgb(158,  
247, 182) }
```

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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