

Converting Colors

YIQ(210.9510, -26.9490,
-56.7810)

Have a look what the booklet for
YIQ(210.9510, -26.9490, -56.7810)
contains.

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Color

**YIQ(210.9510, -26.9490,
-56.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	96FF90
RGB	150, 255, 144
RGB Percent	59%, 100%, 56%
CMY	0.4121, 0.0000, 0.4353
CMYK	0.41, 0.00, 0.44, 0.00
HSL	117°, 100%, 78%
HSV	117°, 44%, 100%
XYZ	53.3563, 80.0098, 39.0147
YIQ	210.9510, -26.9490, -56.7810

Conversions

Conversions Part 2

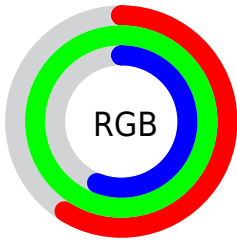
Format	Color
RYB	144, 255, 249
Decimal	9895824
CIELab	91.69, -51.71, 43.62
CIELCh	92, 67.652, 139.855
Yxy	80.0098, 0.3095, 0.4641
Android (android.graphics.Color)	4288085904 (0xFF96FF90)
YUV	210.9510, -33.0068, -53.4540
Hunter-Lab	89.4482, -50.0581, 36.7532

Details

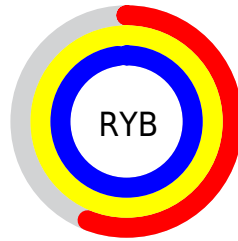
The YIQ color **210.9510, -26.9490, -56.7810** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **188.0490, 26.9490, 56.7810**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **234.5630, -10.0360, -27.3800**, and **153.5210, -28.5540, -55.2260** is the 20% darker color. If you saturate the color by 10%, you get **200.8110, -32.9070, -69.9550**, and if you desaturate by 10%, it is **220.9770, -20.6700, -43.9180**.

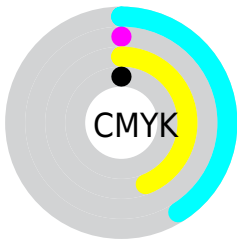
Distribution



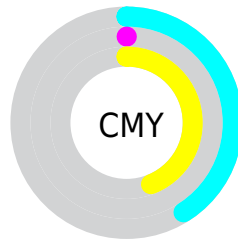
- Red (59%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.9510, -26.9490, -56.7810 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 YIQ color 210.9510, -26.9490, -56.7810 by changing the saturation by 10% instead.

■ 210.9510,
-26.9490, -56.7810

■ 210.9510,
-26.9490, -56.7810

■ 255.0000, -0.0000,
-0.0000

■ 182.1790,
-27.5910, -56.1590

■ 234.5630,
-10.0360, -27.3800

■ 153.5210,
-28.5540, -55.2260

■ 246.8390, -1.4650,
-12.0010

■ 125.8520,
-30.9840, -55.2400

■ 95.6770, -37.8610,
-57.2610

■ 69.3460, -35.4310,
-57.2470

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 6.4570, -3.0250,
-5.7530

■ 210.9510,
-26.9490, -56.7810

■ 210.9510,
-26.9490, -56.7810

■ 200.8110,
-32.9070, -69.9550

■ 220.9770,
-20.6700, -43.9180

■ 190.7850,
-39.1860, -82.8180

■ 231.1170,
-14.7120, -30.7440

■ 180.6450,
-45.1440, -95.9920

■ 241.1430, -8.4330,
-17.8810

■ 170.3200,
-52.0190, -109.0670

■ 251.2830, -2.4750,
-4.7070

■ 160.1800, 255.0000, -0.0000,
-57.9770, -122.2410 -0.0000

■ 153.8710,
-61.7810, -130.3970

Harmonies

Analogous

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



220.7830, 35.3580, -46.0980



210.9510, -26.9490, -56.7810



173.1690, -136.2510, -69.2990

Triad

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



210.9510, -26.9490, -56.7810



172.8850, -149.2300, -48.8300



201.9180, 41.9940, 20.8900

Complementary

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



210.9510, -26.9490, -56.7810



188.0490, 26.9490, 56.7810

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.



209.8010, 21.1750, 40.2710



210.9510, -26.9490, -56.7810



219.1730, -25.1720, 4.6520

Square

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



210.9510, -26.9490, -56.7810



178.7550, -151.9800, -54.0600



220.9540, 15.9500, 30.3340



206.5730, 55.0660, -6.7740

Rectangle

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



210.9510, -26.9490, -56.7810



178.2990, -150.6960, -55.3040



220.9540, 15.9500, 30.3340



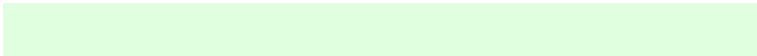
203.1380, 35.8030, 28.4670

Sweetspot

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



210.9510, -26.9490, -56.7810



241.9690, -7.8830, -16.8350



238.2370, 37.5560, -30.8600



119.6260, -5.1790, -10.7710



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

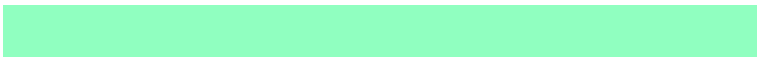
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.9510, -26.9490, -56.7810



202.1640, -32.4030, -68.0750



214.6290, -45.9330, -43.1250



122.6310, -3.5750, -6.7990



115.1070, -46.5650, -97.7730



38.4650, -15.8120, -32.8360

Inverse Universe

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



188.0490, 26.9490, 56.7810



174.8360, 32.4030, 68.0750



184.3710, 45.9330, 43.1250



120.0700, 2.9790, 6.5870



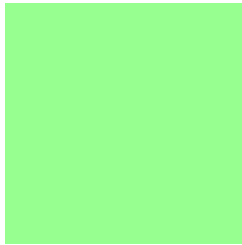
75.8930, 46.5650, 97.7730



25.2360, 15.2160, 32.6240

Previews

White Background



This preview shows how the YIQ color 210.9510, -26.9490, -56.7810 looks on a white background.

Color Contrast Check

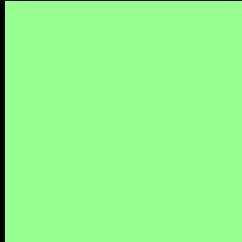
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 210.9510, -26.9490, -56.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

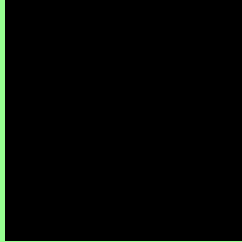
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

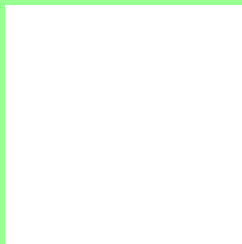
Any Text WCAG AAA ✓ Pass

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

YIQ 210.9510, -26.9490, -56.7810 Background



This preview shows how black text looks on a background with the YIQ color 210.9510, -26.9490, -56.7810.



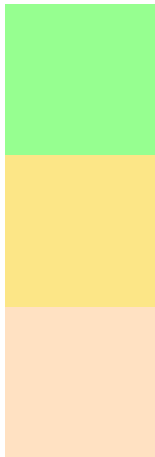
This preview shows how white text looks on a background with the YIQ color 210.9510, -26.9490, -56.7810.

-56.7810.

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

210.9510, -26.9490, -56.7810

Protanopia

225.7480, 43.6070, -24.8810

Deuteranopia

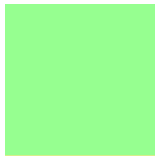
230.4360, 27.8310, -3.2810



Tritanopia

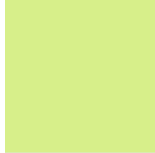
224.9770, -36.7240, -6.2600

Trichromacy



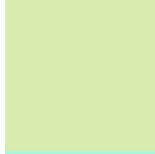
Original Color

210.9510, -26.9490, -56.7810



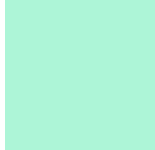
Protanomaly

220.3100, 18.1170, -36.4990



Deuteranomaly

223.4790, 7.9360, -22.6880



Tritanomaly

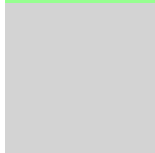
220.0520, -33.2820, -24.5940

Monochromacy



Original Color

210.9510, -26.9490, -56.7810



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

211.0780, -9.8080, -20.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9510, -26.9490, -56.7810 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(150, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 144)  
}
```

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(150, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 144) }
```

Border

The CSS property to change the border of an element to YIQ 210.9510, -26.9490, -56.7810 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(150, 255, 144) }
```


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

```
.border{ border-color:rgb(150, 255, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9510, -26.9490, -56.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 144) }
```

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

```
.background{ background-color: rgb(150,  
255, 144) }
```

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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