

Converting Colors

YIQ(212.3750, -25.2070,
-55.3110)

Have a look what the booklet for
YIQ(212.3750, -25.2070, -55.3110)
contains.

YIQ(212.3750, -25.2070, -55.3110)	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

**YIQ(212.3750, -25.2070,
-55.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	9AFF92
RGB	154, 255, 146
RGB Percent	60%, 100%, 57%
CMY	0.3964, 0.0000, 0.4275
CMYK	0.40, 0.00, 0.43, 0.00
HSL	116°, 100%, 79%
HSV	116°, 43%, 100%
XYZ	54.2595, 80.4575, 39.8626
YIQ	212.3750, -25.2070, -55.3110

Conversions

Conversions Part 2

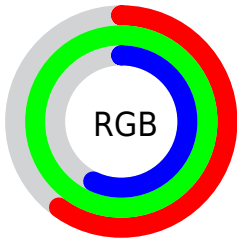
Format	Color
RYB	146, 255, 247
Decimal	10157970
CIELab	91.89, -50.26, 42.94
CIELCh	92, 66.109, 139.492
Yxy	80.4575, 0.3108, 0.4609
Android (android.graphics.Color)	4288348050 (0xFF9AFF92)
YUV	212.3750, -32.7229, -51.1949
Hunter-Lab	89.6981, -48.9949, 36.4397

Details

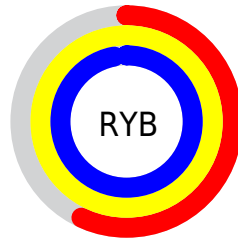
The YIQ color **212.3750, -25.2070, -55.3110** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **188.6250, 25.2070, 55.3110**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9870, -8.2940, -25.9100**, and **155.8310, -26.4910, -54.0670** is the 20% darker color. If you saturate the color by 10%, you get **202.2350, -31.1650, -68.4850**, and if you desaturate by 10%, it is **222.4010, -18.9280, -42.4480**.

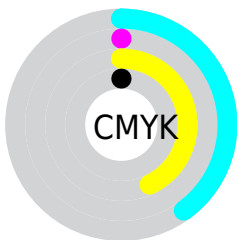
Distribution



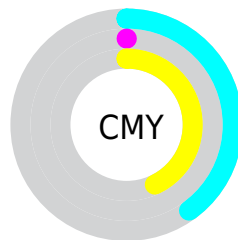
- Red (60%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3750, -25.2070, -55.3110 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 212.3750, -25.2070, -55.3110 by changing the saturation by 10% instead.

■ 212.3750,
-25.2070, -55.3110

■ 212.3750,
-25.2070, -55.3110

■ 255.0000, -0.0000,
-0.0000

■ 183.6030,
-25.8490, -54.6890

■ 235.9870, -8.2940,
-25.9100

■ 155.8310,
-26.4910, -54.0670

■ 248.2630, 0.2770,
-10.5310

■ 127.5750,
-28.6460, -53.5580

■ 98.7100, -33.4600,
-54.4200

■ 69.6880, -36.3940,
-56.3140

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,

-34.5180

■ 26.4150, -12.3750,
-23.5350

■ 7.6310, -3.5750,
-6.7990

■ 212.3750,
-25.2070, -55.3110

■ 212.3750,
-25.2070, -55.3110

■ 202.2350,
-31.1650, -68.4850

■ 222.4010,
-18.9280, -42.4480

■ 192.5080,
-36.8480, -81.1360

■ 232.2420,
-13.5660, -29.4860

■ 182.3680,
-42.8060, -94.3100

■ 242.2680, -7.2870,
-16.6230

■ 172.3420,
-49.0850, -107.1730

■ 252.4080, -1.3290,
-3.4490

■ 162.5010, 255.0000, -0.0000,
-54.4470, -120.1350 -0.0000

■ 155.3660,
-58.8010, -129.3370

Harmonies

Analogous

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



221.7230, 35.5870, -44.7410



212.3750, -25.2070, -55.3110



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.



212.3750, -25.2070, -55.3110



172.8850, -149.2300, -48.8300



203.3200, 40.8020, 20.4660

Complementary

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



212.3750, -25.2070, -55.3110



188.6250, 25.2070, 55.3110

Split Complementary

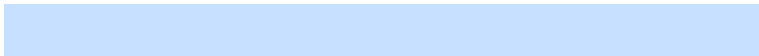
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.9750, 20.6250, 39.2250



212.3750, -25.2070, -55.3110



220.0590, -24.8510, 4.3410

Square

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



212.3750, -25.2070, -55.3110



178.7550, -151.9800, -54.0600



222.1280, 15.4000, 29.2880



207.5020, 53.8280, -6.3640

Rectangle

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



212.3750, -25.2070, -55.3110



178.2990, -150.6960, -55.3040



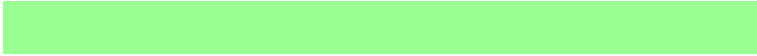
222.1280, 15.4000, 29.2880



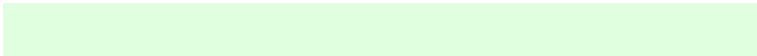
204.5400, 34.6110, 28.0430

Sweetspot

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



212.3750, -25.2070, -55.3110



241.9690, -7.8830, -16.8350



237.2910, 37.4640, -29.1920



119.9250, -4.5830, -10.5590



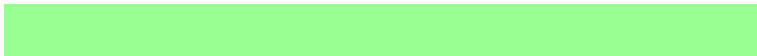
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

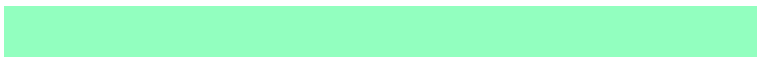
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.3750, -25.2070, -55.3110



204.0010, -30.3860, -66.0820



215.1130, -44.4200, -43.0120



122.9300, -2.9790, -6.5870



116.3030, -44.1810, -96.9250



39.0630, -14.6200, -32.4120

Inverse Universe

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



188.6250, 25.2070, 55.3110



175.9990, 30.3860, 66.0820



185.8870, 44.4200, 43.0120



120.0700, 2.9790, 6.5870



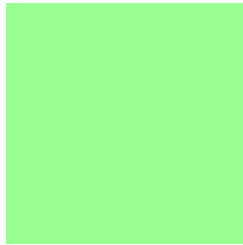
74.6970, 44.1810, 96.9250



24.9370, 14.6200, 32.4120

Previews

White Background



This preview shows how the YIQ color 212.3750, -25.2070, -55.3110 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 212.3750, -25.2070, -55.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

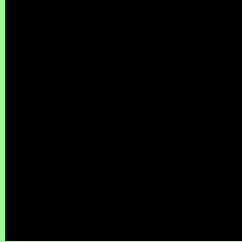
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

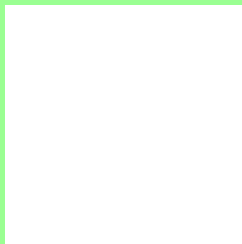
Any Text WCAG AAA ✓ Pass

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

YIQ 212.3750, -25.2070, -55.3110 Background



This preview shows how black text looks on a background with the YIQ color 212.3750, -25.2070, -55.3110.



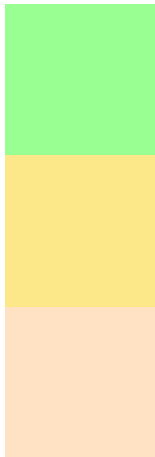
This preview shows how white text looks on a background with the YIQ color 212.3750, -25.2070, -55.3110.

-55.3110.

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

212.3750, -25.2070, -55.3110

Protanopia

226.5630, 42.6900, -24.7820

Deuteranopia

230.6640, 27.1890, -2.6590



Tritanopia

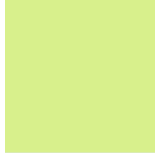
225.8740, -34.9360, -5.6240

Trichromacy



Original Color

212.3750, -25.2070, -55.3110



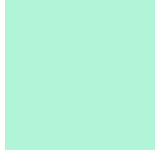
Protanomaly

221.4240, 17.7960, -36.1880



Deuteranomaly

224.0060, 7.8900, -21.8540



Tritanomaly

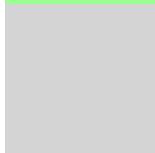
220.9490, -31.4940, -23.9580

Monochromacy



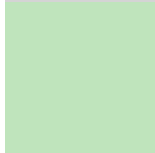
Original Color

212.3750, -25.2070, -55.3110



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.3770, -9.2120, -20.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3750, -25.2070, -55.3110 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(154, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 146)  
}
```

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(154, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 146) }
```

Border

The CSS property to change the border of an element to YIQ 212.3750, -25.2070, -55.3110 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(154, 255, 146) }
```


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

```
.border{ border-color:rgb(154, 255, 146) }
```

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

Here you see how a box with a 4 pixel rgb(154, 255, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3750, -25.2070, -55.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 146) }
```

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

```
.background{ background-color: rgb(154,  
255, 146) }
```

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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