

Converting Colors

YIQ(198.8720, -24.5680,
-39.3520)

Have a look what the booklet for
YIQ(198.8720, -24.5680, -39.3520)
contains.

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Color

**YIQ(198.8720, -24.5680,
-39.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	97E79F
RGB	151, 231, 159
RGB Percent	59%, 91%, 62%
CMY	0.4081, 0.0940, 0.3765
CMYK	0.35, 0.00, 0.31, 0.09
HSL	126°, 63%, 75%
HSV	126°, 35%, 91%
XYZ	47.5937, 66.2470, 43.0745
YIQ	198.8720, -24.5680, -39.3520

Conversions

Conversions Part 2

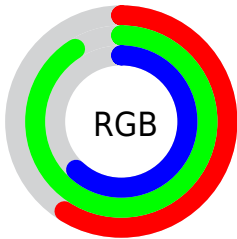
Format	Color
RYB	151, 224, 231
Decimal	9955231
CIELab	85.12, -38.83, 27.53
CIElCh	85, 47.595, 144.662
Yxy	66.2470, 0.3033, 0.4222
Android (android.graphics.Color)	4288145311 (0xFF97E79F)
YUV	198.8720, -19.6569, -41.9837
Hunter-Lab	81.3922, -38.0594, 25.5970

Details

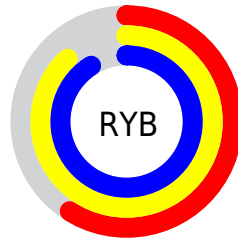
The YIQ color **198.8720, -24.5680, -39.3520** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **183.1280, 24.5680, 39.3520**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9740, -15.4470, -22.9270**, and **143.9260, -24.6600, -37.6840** is the 20% darker color. If you saturate the color by 10%, you get **189.6010, -31.5350, -50.7590**, and if you desaturate by 10%, it is **208.1430, -17.6010, -27.9450**.

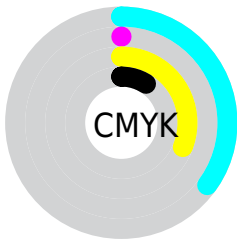
Distribution



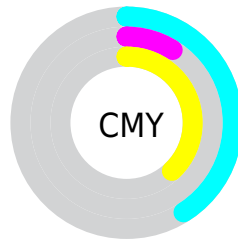
- Red (59%)
- Green (91%)
- Blue (62%)



- Red (59%)
- Yellow (88%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.8720, -24.5680, -39.3520 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 198.8720, -24.5680, -39.3520 by changing the saturation by 10% instead.

■ 198.8720,
-24.5680, -39.3520

■ 198.8720,
-24.5680, -39.3520

■ 255.0000, -0.0000,
-0.0000

■ 171.1000,
-25.2100, -38.7300

■ 235.9740,
-15.4470, -22.9270

■ 143.6270,
-25.2560, -37.8960

■ 247.9510, -7.4720,
-7.7600

■ 116.8550,
-25.8980, -37.2740

■ 90.4850, -27.7320,
-37.0760

■ 60.9400, -36.4430,
-38.8990

■ 43.6320, -23.6520,
-33.9240

■ 28.1760, -13.2000,

-25.1040

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 198.8720,
-24.5680, -39.3520

■ 198.8720,
-24.5680, -39.3520

■ 189.6010,
-31.5350, -50.7590

■ 208.1430,
-17.6010, -27.9450

■ 180.3300,
-38.5020, -62.1660

■ 217.4140,
-10.6340, -16.5380

■ 171.1730,
-45.7900, -73.2620

■ 226.5710, -3.3460,
-5.4420

■ 161.9020,
-52.7570, -84.6690

■ 235.8420, 3.6210,
5.9650

■ 152.3320,
-60.3200, -96.2880

■ 240.9120, 6.6000,
12.5520

■ 143.0610,
-67.2870, -107.6950

■ 138.2190,
-70.9080, -113.6600

Harmonies

Analogous

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



205.4290, 19.4000, -32.2160



198.8720, -24.5680, -39.3520



187.3880, -78.8070, -42.0630

Triad

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



198.8720, -24.5680, -39.3520



196.7810, -65.4710, -8.4070



201.4960, 45.9380, 15.4900

Complementary

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



198.8720, -24.5680, -39.3520



183.1280, 24.5680, 39.3520

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.



206.1530, 31.4470, 30.3190



198.8720, -24.5680, -39.3520



210.4120, -15.1790, 16.2850

Square

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



198.8720, -24.5680, -39.3520



166.7600, -141.2080, -40.0240



215.6710, 18.4250, 35.0410



204.4360, 54.1940, -1.9820

Rectangle

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



198.8720, -24.5680, -39.3520



167.0020, -136.4380, -49.3820



215.6710, 18.4250, 35.0410



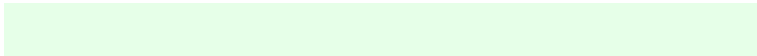
202.0320, 41.6730, 21.2010

Sweetspot

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



198.8720, -24.5680, -39.3520



244.9030, -7.5170, -12.4530



219.4880, 20.9120, -26.5760



121.6200, -5.0420, -7.7460



0.0000, 0.0000, 0.0000



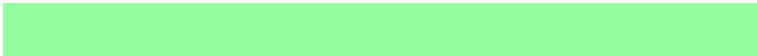
128.0000, -0.0000, -0.0000

Same Dimension

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



198.8720, -24.5680, -39.3520



212.0630, -32.9560, -52.5400



203.4320, -37.4080, -26.9120



110.1580, -3.6210, -5.9650



107.1250, -55.0030, -88.0190



30.5070, -15.6300, -25.1180

Inverse Universe

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



183.1280, 24.5680, 39.3520



190.9370, 32.9560, 52.5400



178.5680, 37.4080, 26.9120



107.8420, 3.6210, 5.9650



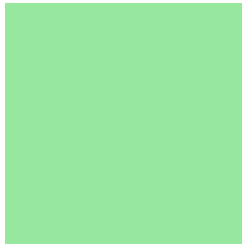
71.8750, 55.0030, 88.0190



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 198.8720, -24.5680, -39.3520 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 198.8720, -24.5680, -39.3520 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 198.8720, -24.5680, -39.3520 Background



This preview shows how black text looks on a background with the YIQ color 198.8720, -24.5680, -39.3520.



This preview shows how white text looks on a background with the YIQ color 198.8720, -24.5680, -39.3520.

-39.3520.

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

198.8720, -24.5680, -39.3520

Protanopia

209.1290, 29.7130, -15.3670

Deuteranopia

212.1230, 39.0180, -2.2780



Tritanopia

206.6070, -38.5580, -6.0620

Trichromacy



Original Color

198.8720, -24.5680, -39.3520



Protanomaly

205.2080, 10.1370, -24.0310



Deuteranomaly

207.3000, 16.0500, -15.5500



Tritanomaly

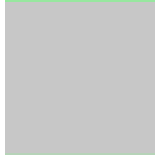
204.1540, -33.3290, -18.2330

Monochromacy



Original Color

198.8720, -24.5680, -39.3520



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.2510, -8.6170, -14.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8720, -24.5680, -39.3520 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(151, 231, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 231, 159)  
}
```

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(151, 231, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 231, 159) }
```

Border

The CSS property to change the border of an element to YIQ 198.8720, -24.5680, -39.3520 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(151, 231, 159) }
```


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

```
.border{ border-color:rgb(151, 231, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 231, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 231, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 231, 159); box-shadow:4px 4px 4px 4px rgb(151, 231, 159) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8720, -24.5680, -39.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 231, 159) }
```

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

```
.background{ background-color: rgb(151,  
231, 159) }
```

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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