

Converting Colors

YIQ(196.9640, -19.7960,
-59.7640)

Have a look what the booklet for
YIQ(196.9640, -19.7960, -59.7640)
contains.

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Color

**YIQ(196.9640, -19.7960,
-59.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF175
RGB	141, 241, 117
RGB Percent	55%, 95%, 46%
CMY	0.4474, 0.0547, 0.5411
CMYK	0.42, 0.00, 0.51, 0.05
HSL	108°, 82%, 70%
HSV	108°, 51%, 95%
XYZ	45.6496, 69.8754, 27.9123
YIQ	196.9640, -19.7960, -59.7640

Conversions

Conversions Part 2

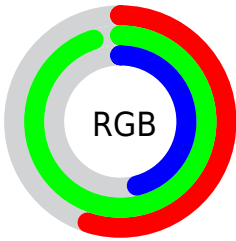
Format	Color
RYB	117, 241, 217
Decimal	9302389
CIELab	86.94, -52.12, 50.43
CIELCh	87, 72.523, 135.949
Yxy	69.8754, 0.3183, 0.4871
Android (android.graphics.Color)	4287492469 (0xFF8DF175)
YUV	196.9640, -39.4223, -49.0804
Hunter-Lab	83.5915, -48.8057, 38.7163

Details

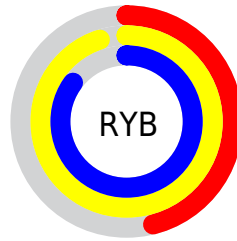
The YIQ color **196.9640, -19.7960, -59.7640** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **161.0360, 19.7960, 59.7640**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.6800, -6.4120, -37.9960**, and **140.1210, -21.6760, -58.7320** is the 20% darker color. If you saturate the color by 10%, you get **188.2480, -24.0120, -71.4680**, and if you desaturate by 10%, it is **205.3810, -16.1760, -48.2720**.

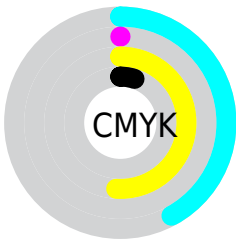
Distribution



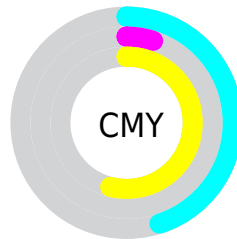
- Red (55%)
- Green (95%)
- Blue (46%)



- Red (46%)
- Yellow (95%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9640, -19.7960, -59.7640 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 196.9640, -19.7960, -59.7640 by changing the saturation by 10% instead.

■ 196.9640,
-19.7960, -59.7640

■ 196.9640,
-19.7960, -59.7640

■ 255.0000, -0.0000,
-0.0000

■ 168.3060,
-20.7590, -58.8310

■ 228.6800, -6.4120,
-37.9960

■ 140.1210,
-21.6760, -58.7320

■ 240.9560, 2.1590,
-22.6170

■ 111.6260,
-24.6560, -59.7920

■ 251.9220, 8.6670,
-8.3970

■ 76.9080, -34.5580,
-67.5660

■ 61.0480, -28.6000,
-54.3920

■ 46.3730, -21.7250,
-41.3170

■ 32.2850, -15.1250,

-28.7650

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 196.9640,
-19.7960, -59.7640

■ 196.9640,
-19.7960, -59.7640

■ 188.2480,
-24.0120, -71.4680

■ 205.3810,
-16.1760, -48.2720

■ 179.8310,
-27.6320, -82.9600

■ 214.0970,
-11.9600, -36.5680

■ 171.4140,
-31.2520, -94.4520

■ 222.5140, -8.3400,
-25.0760

■ 162.6980,
-35.4680, -106.1560

■ 231.2300, -4.1240,
-13.3720

■ 155.2210,
-38.8590, -116.2910

■ 239.7610, -0.8250,
-1.5690

■ 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



206.9920, 44.8950, -48.2330



196.9640, -19.7960, -59.7640



166.9110, -126.8970, -73.6250

Triad

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



196.9640, -19.7960, -59.7640



167.0150, -146.4800, -43.6000



189.3800, 49.7410, 29.1730

Complementary

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



196.9640, -19.7960, -59.7640



161.0360, 19.7960, 59.7640

Split Complementary

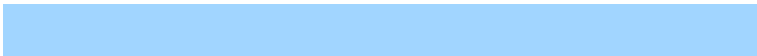
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.0070, 26.7670, 49.0630



196.9640, -19.7960, -59.7640



202.2400, -44.4740, 2.0380

Square

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



196.9640, -19.7960, -59.7640



174.0590, -149.7800, -49.8760



213.3230, 19.5250, 37.1330



193.3510, 64.7390, -0.3570

Rectangle

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



196.9640, -19.7960, -59.7640



173.5570, -142.8550, -59.7430



213.3230, 19.5250, 37.1330



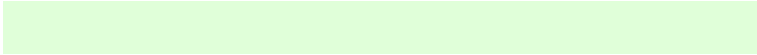
190.8280, 42.9080, 37.3720

Sweetspot

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



196.9640, -19.7960, -59.7640



241.3990, -6.2780, -18.3900



212.1890, 46.6790, -25.4890



119.6970, -3.9410, -11.1810



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.



196.9640, -19.7960, -59.7640



198.7160, -25.5700, -76.2740



194.0060, -45.9770, -53.3450



115.6420, -2.1080, -5.8520



118.4730, -29.7400, -88.8120



36.1610, -8.8440, -26.9560

Inverse Universe

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



161.0360, 19.7960, 59.7640



153.2840, 25.5700, 76.2740



163.9940, 45.9770, 53.3450



112.3580, 2.1080, 5.8520



65.2280, 29.1440, 88.6000



19.8390, 8.8440, 26.9560

Previews

White Background



This preview shows how the YIQ color 196.9640, -19.7960, -59.7640 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 196.9640, -19.7960, -59.7640 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 196.9640, -19.7960, -59.7640 Background



This preview shows how black text looks on a background with the YIQ color 196.9640, -19.7960, -59.7640.



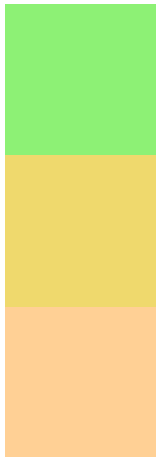
This preview shows how white text looks on a background with the YIQ color 196.9640, -19.7960, -59.7640.

-59.7640.

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

196.9640, -19.7960, -59.7640

Protanopia

211.2660, 47.7800, -28.9240

Deuteranopia

215.3270, 46.9510, -8.3850



Tritanopia

210.2150, -43.3260, -7.7580

Trichromacy



Original Color

196.9640, -19.7960, -59.7640



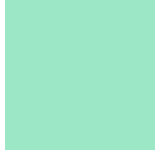
Protanomaly

206.1270, 22.8860, -40.3300



Deuteranomaly

208.7440, 23.0670, -27.0850



Tritanomaly

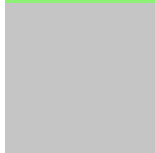
205.4000, -34.3820, -26.6860

Monochromacy



Original Color

196.9640, -19.7960, -59.7640



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.1060, -7.0110, -21.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9640, -19.7960, -59.7640 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(141, 241, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 241, 117)  
}
```

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(141, 241, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 241, 117) }
```

Border

The CSS property to change the border of an element to YIQ 196.9640, -19.7960, -59.7640 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(141, 241, 117) }
```


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

```
.border{ border-color:rgb(141, 241, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 241, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 241, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 241, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 241,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9640, -19.7960, -59.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 241, 117) }
```

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

```
.background{ background-color: rgb(141,  
241, 117) }
```

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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