

Converting Colors

YIQ(198.3520, -61.9310,
-61.5710)

Have a look what the booklet for
YIQ(198.3520, -61.9310, -61.5710)
contains.

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Color

**YIQ(198.3520, -61.9310,
-61.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	65FFA2
RGB	101, 255, 162
RGB Percent	40%, 100%, 64%
CMY	0.6043, 0.0000, 0.3649
CMYK	0.60, 0.00, 0.36, 0.00
HSL	144°, 100%, 70%
HSV	144°, 60%, 100%
XYZ	47.6324, 76.8875, 46.4921
YIQ	198.3520, -61.9310, -61.5710

Conversions

Conversions Part 2

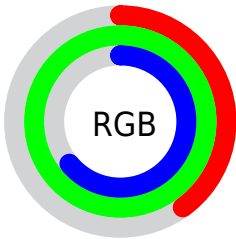
Format	Color
RYB	101, 211, 255
Decimal	6684578
CIELab	90.27, -60.91, 32.62
CIELCh	90, 69.092, 151.828
Yxy	76.8875, 0.2785, 0.4496
Android (android.graphics.Color)	4284874658 (0xFF65FFA2)
YUV	198.3520, -17.9215, -85.3777
Hunter-Lab	87.6855, -56.4852, 29.9435

Details

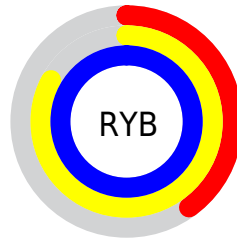
The YIQ color **198.3520, -61.9310, -61.5710** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **157.6480, 61.9310, 61.5710**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4590, -42.0380, -31.1100**, and **130.4570, -84.3960, -67.4360** is the 20% darker color. If you saturate the color by 10%, you get **188.8680, -72.6120, -71.7480**, and if you desaturate by 10%, it is **207.5370, -51.8460, -51.6060**.

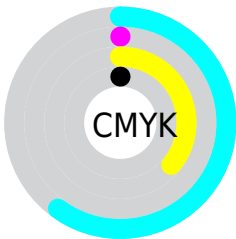
Distribution



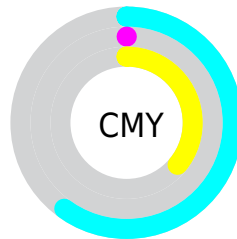
- Red (40%)
- Green (100%)
- Blue (64%)



- Red (40%)
- Yellow (83%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3520, -61.9310, -61.5710 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 198.3520, -61.9310, -61.5710 by changing the saturation by 10% instead.

■ 198.3520,
-61.9310, -61.5710

■ 198.3520,
-61.9310, -61.5710

■ 255.0000, -0.0000,
-0.0000

■ 167.7860,
-66.1490, -62.2210

■ 223.4590,
-42.0380, -31.1100

■ 130.1580,
-84.9920, -67.6480

■ 235.7350,
-33.4670, -15.7310

■ 108.7790,
-73.4390, -62.2630

■ 246.0300,
-17.8800, -6.3600

■ 90.1940, -58.3100,
-55.6060

■ 71.6090, -43.1810,
-48.9490

■ 53.4970, -28.0060,
-43.1260

■ 37.5680, -17.6000,

-33.4720

■ 24.0670, -11.2750,
-21.4430

■ 1.1740, -0.5500,
-1.0460

■ 198.3520,
-61.9310, -61.5710

■ 198.3520,
-61.9310, -61.5710

■ 188.8680,
-72.6120, -71.7480

■ 207.5370,
-51.8460, -51.6060

■ 179.5690,
-82.3760, -82.0240

■ 217.1350,
-41.4860, -41.1180

■ 170.0850,
-93.0570, -92.2010

■ 226.3200,
-31.4010, -31.1530

■ 161.1990,
-102.5460, -101.9540

■ 235.9180,
-21.0410, -20.6650

■ 245.1030,
-10.9560, -10.7000

254.5870, -0.2750,
-0.5230

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



213.3610, 12.9390, -52.7970



198.3520, -61.9310, -61.5710



175.7910, -143.6340, -62.1460

Triad

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



198.3520, -61.9310, -61.5710



196.0400, -85.7340, -21.1420



199.0850, 51.3490, 11.0370

Complementary

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



198.3520, -61.9310, -61.5710



157.6480, 61.9310, 61.5710

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.



201.2120, 32.9590, 35.9590



198.3520, -61.9310, -61.5710



221.7300, 1.6010, 20.5530

Square

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



198.3520, -61.9310, -61.5710



175.8200, -150.6050, -51.4450



212.1490, 20.0750, 38.1790



206.7720, 61.3950, -16.8530

Rectangle

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



198.3520, -61.9310, -61.5710



178.7550, -151.9800, -54.0600



212.1490, 20.0750, 38.1790



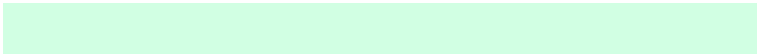
198.5440, 45.9830, 20.1830

Sweetspot

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



198.3520, -61.9310, -61.5710



238.0540, -18.4280, -18.4600



219.8030, 14.2700, -60.4020



117.3910, -11.8270, -11.4350



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.



198.3520, -61.9310, -61.5710



186.6180, -74.9040, -74.2640



206.9020, -86.0060, -38.2460



123.2010, -5.1800, -5.2440



120.7810, -76.9210, -76.2570



40.4180, -25.6250, -25.6970

Inverse Universe

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



157.6480, 61.9310, 61.5710



137.3820, 74.9040, 74.2640



149.0980, 86.0060, 38.2460



119.6850, 5.5010, 4.9330



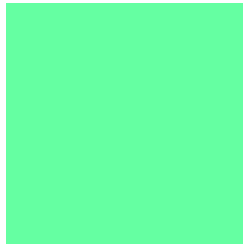
70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 198.3520, -61.9310, -61.5710 looks on a white background.

Color Contrast Check

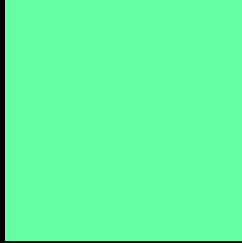
Large Text (above 18pt) WCAG AA × Fail

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 198.3520, -61.9310, -61.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

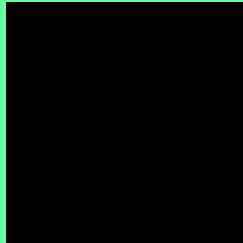
Any Text WCAG AA ✓ Pass

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 198.3520, -61.9310, -61.5710 Background



This preview shows how black text looks on a background with the YIQ color 198.3520, -61.9310, -61.5710.

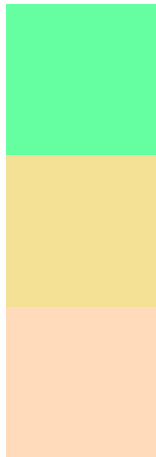


This preview shows how white text looks on a background with the YIQ color 198.3520, -61.9310, -61.5710.

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

198.3520, -61.9310, -61.5710

Protanopia

222.1310, 35.3990, -19.2970

Deuteranopia

226.1160, 31.7280, -2.3200



Tritanopia

216.3060, -54.0080, -12.4080

Trichromacy



Original Color

198.3520, -61.9310, -61.5710



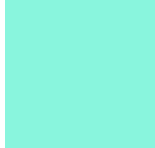
Protanomaly

213.4960, 0.0980, -34.8300



Deuteranomaly

215.9770, -2.3340, -23.7900



Tritanomaly

209.9720, -56.6640, -30.3600

Monochromacy



Original Color

198.3520, -61.9310, -61.5710



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.3800, -22.4620, -22.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3520, -61.9310, -61.5710 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(101, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(101, 255, 162)  
}
```

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(101, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 255, 162) }
```

Border

The CSS property to change the border of an element to YIQ 198.3520, -61.9310, -61.5710 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(101, 255, 162) }
```


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

```
.border{ border-color:rgb(101, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(101, 255,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3520, -61.9310, -61.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 255, 162) }
```

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

```
.background{ background-color: rgb(101,  
255, 162) }
```

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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