

Converting Colors

YIQ(196.9550, 19.9540,
-53.2780)

Have a look what the booklet for
YIQ(196.9550, 19.9540, -53.2780)
contains.

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Color

**YIQ(196.9550, 19.9540,
-53.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E254
RGB	183, 226, 84
RGB Percent	72%, 89%, 33%
CMY	0.2825, 0.1136, 0.6704
CMYK	0.19, 0.00, 0.63, 0.11
HSL	78°, 71%, 61%
HSV	78°, 63%, 89%
XYZ	48.3202, 65.1045, 18.4171
YIQ	196.9550, 19.9540, -53.2780

Conversions

Conversions Part 2

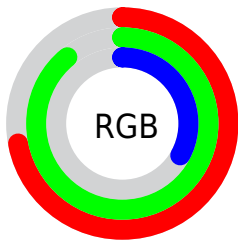
Format	Color
RYB	84, 226, 127
Decimal	12051028
CIELab	84.54, -34.30, 62.73
CIELCh	85, 71.496, 118.665
Yxy	65.1045, 0.3665, 0.4938
Android (android.graphics.Color)	4290241108 (0xFFB7E254)
YUV	196.9550, -55.6868, -12.2385
Hunter-Lab	80.6874, -34.3070, 42.9481

Details

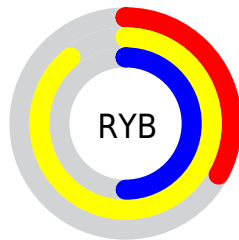
The YIQ color **196.9550, 19.9540, -53.2780** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **113.0450, -19.9540, 53.2780**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.8890, 29.4880, -38.8320**, and **139.9720, 21.2840, -55.3560** is the 20% darker color. If you saturate the color by 10%, you get **192.2400, 23.1650, -61.9150**, and if you desaturate by 10%, it is **201.6700, 16.7430, -44.6410**.

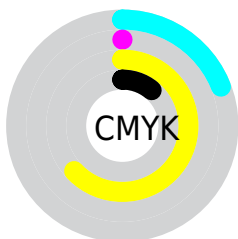
Distribution



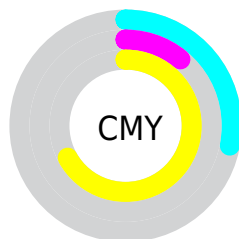
- Red (72%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (50%)



- Cyan (19%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9550, 19.9540, -53.2780 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 196.9550, 19.9540, -53.2780 by changing the saturation by 10% instead.

■ 196.9550, 19.9540,
-53.2780

■ 196.9550, 19.9540,
-53.2780

255.0000, -0.0000,
-0.0000

■ 168.6560, 19.3580,
-53.4900

■ 237.5900, 28.8920,
-39.0440

■ 140.5590, 21.0090,
-55.8790

■ 244.9680, 28.2480,
-27.3680

■ 114.1290, 19.4040,
-54.3240

■ 248.2740, 18.9390,
-18.3490

■ 90.4950, 9.8660,
-46.6620

■ 251.5800, 9.6300,
-9.3300

■ 67.7470, 0.6490,
-39.3110

254.8860, 0.3210,
-0.3110

■ 43.1940, -13.6110,
-34.1790

■ 27.0020, -12.6500,

-24.0580

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 196.9550, 19.9540,
-53.2780

■ 196.9550, 19.9540,
-53.2780

■ 192.2400, 23.1650,
-61.9150

■ 201.6700, 16.7430,
-44.6410

■ 187.6390, 26.0550,
-70.2410


■ 206.2710, 13.8530,
-36.3150


■ 182.9240, 29.2660,
-78.8780

■ 210.9860, 10.6420,
-27.6780

■ 179.6050, 31.4220,
-84.9140

■ 215.2880, 7.1560,
-19.5640

 220.0030, 3.9450,
-10.9270

 224.7180, 0.7340,
-2.2900

 229.3190, -2.1560,
6.0360

 232.8940, -2.1570,
11.5630

 234.9870, 2.0150,
13.0470

Harmonies

Analogous

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



203.7830, 70.8890, -34.7350



196.9550, 19.9540, -53.2780



182.0490, -56.7040, -62.6880

Triad

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



196.9550, 19.9540, -53.2780



167.6020, -146.7550, -44.1230



189.0330, 41.0730, 43.0970

Complementary

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



196.9550, 19.9540, -53.2780



113.0450, -19.9540, 53.2780

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.



202.7570, 24.4750, 46.5470



196.9550, 19.9540, -53.2780



157.6230, -142.0800, -35.2320

Square

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



196.9550, 19.9540, -53.2780



171.7110, -148.6800, -47.7840



204.8410, -11.8330, 21.7270



185.5040, 60.6550, 18.5990

Rectangle

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



196.9550, 19.9540, -53.2780



162.8020, -124.9720, -69.9640



204.8410, -11.8330, 21.7270



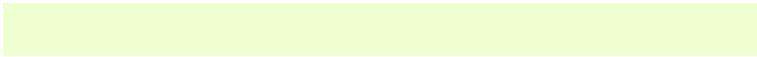
193.4160, 32.8650, 48.6810

Sweetspot

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



196.9550, 19.9540, -53.2780



245.0430, 6.4680, -18.1080



151.6990, 72.8070, 7.6150



121.8890, 4.2660, -11.2380



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.



196.9550, 19.9540, -53.2780



215.8840, 26.7430, -71.6970



175.7260, -22.3620, -68.3300



109.8490, 1.7430, -4.0570



140.0890, 24.9080, -65.9720



38.3420, 7.0640, -17.8960

Inverse Universe

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



113.0450, -19.9540, 53.2780



103.1160, -26.7430, 71.6970



134.2740, 22.3620, 68.3300



103.1510, -1.7430, 4.0570



35.9110, -24.9080, 65.9720



9.9570, -6.4680, 18.1080

Previews

White Background



This preview shows how the YIQ color 196.9550, 19.9540, -53.2780 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 196.9550, 19.9540, -53.2780 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 196.9550, 19.9540, -53.2780

Background



This preview shows how black text looks on a background with the YIQ color 196.9550, 19.9540, -53.2780.



This preview shows how white text looks on a background with the YIQ color 196.9550, 19.9540, -53.2780.

-53.2780.

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

196.9550, 19.9540, -53.2780

Protanopia

203.2420, 56.3550, -35.6530

Deuteranopia

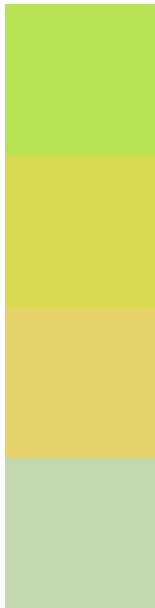
207.4560, 59.4690, -14.9870



Tritanopia

210.2360, -12.2880, 2.4320

Trichromacy



Original Color

196.9550, 19.9540, -53.2780

Protanomaly

200.6100, 43.3350, -41.9850

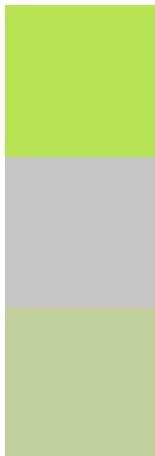
Deuteranomaly

203.5970, 45.3500, -28.9380

Tritanomaly

205.4490, -0.5470, -17.6270

Monochromacy



Original Color

196.9550, 19.9540, -53.2780

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.2880, 7.1560, -19.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9550, 19.9540, -53.2780 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(183, 226, 84)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 84)  
}
```

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(183, 226, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 84) }
```

Border

The CSS property to change the border of an element to YIQ 196.9550, 19.9540, -53.2780 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(183, 226, 84) }
```


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

```
.border{ border-color:rgb(183, 226, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 84);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9550, 19.9540, -53.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 84) }
```

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

```
.background{ background-color: rgb(183,  
226, 84) }
```

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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