

Converting Colors

YIQ(184.4990, -5.1250,
-55.8210)

Have a look what the booklet for
YIQ(184.4990, -5.1250, -55.8210)
contains.

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Color

**YIQ(184.4990, -5.1250,
-55.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	91DE5F
RGB	145, 222, 95
RGB Percent	57%, 87%, 37%
CMY	0.4316, 0.1293, 0.6274
CMYK	0.35, 0.00, 0.57, 0.13
HSL	96°, 66%, 62%
HSV	96°, 57%, 87%
XYZ	39.8615, 59.0998, 20.1377
YIQ	184.4990, -5.1250, -55.8210

Conversions

Conversions Part 2

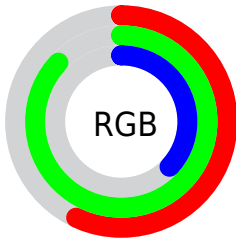
Format	Color
RYB	95, 222, 172
Decimal	9559647
CIELab	81.35, -45.34, 53.89
CIELCh	81, 70.422, 130.073
Yxy	59.0998, 0.3347, 0.4962
Android (android.graphics.Color)	4287749727 (0xFF91DE5F)
YUV	184.4990, -44.1230, -34.6406
Hunter-Lab	76.8764, -41.9789, 38.2825

Details

The YIQ color **184.4990, -5.1250, -55.8210** 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 **132.5010, 5.1250, 55.8210**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0690, 2.4380, -44.2020**, and **128.7270, -5.7670, -55.1990** is the 20% darker color. If you saturate the color by 10%, you get **177.8050, -6.4070, -65.6310**, and if you desaturate by 10%, it is **190.8940, -4.4390, -46.2230**.

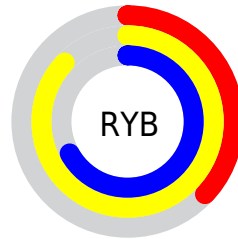
Distribution



Red (57%)

Green (87%)

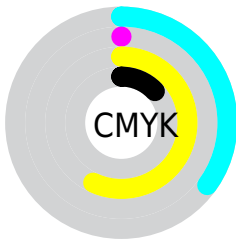
Blue (37%)



Red (37%)

Yellow (87%)

Blue (67%)

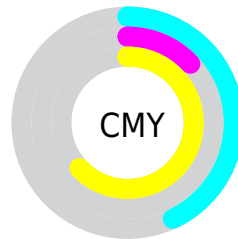


Cyan (35%)

Magenta (0%)

Yellow (57%)

Black (13%)



Cyan (43%)

Magenta (13%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4990, -5.1250, -55.8210 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 184.4990, -5.1250, -55.8210 by changing the saturation by 10% instead.

■ 184.4990, -5.1250,
-55.8210

■ 184.4990, -5.1250,
-55.8210

■ 255.0000, -0.0000,
-0.0000

■ 156.6130, -5.4460,
-55.5100

■ 227.0690, 2.4380,
-44.2020

■ 128.7270, -5.7670,
-55.1990

■ 239.2310, 11.3300,
-29.1340

■ 99.8750, -3.4280,
-59.0440

■ 249.3000, 16.0500,
-15.5500

■ 74.4040, -14.9830,
-53.3750

■ 252.6060, 6.7410,
-6.5310

■ 51.6560, -24.2000,
-46.0240

■ 37.5680, -17.6000,
-33.4720

■ 25.2410, -11.8250,

-22.4890

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 184.4990, -5.1250,
-55.8210

■ 184.4990, -5.1250,
-55.8210

■ 177.8050, -6.4070,
-65.6310

■ 190.8940, -4.4390,
-46.2230

■ 171.4100, -7.0930,
-75.2290


■ 197.5880, -3.1570,
-36.4130


■ 164.6020, -8.0540,
-85.3500


■ 204.0970, -2.7920,
-26.5040

■ 158.2070, -8.7400,
-94.9480


■ 210.7910, -1.5100,
-16.6940

 156.3270, -9.1980,
-97.6620

 217.1860, -0.8240,
-7.0960

 223.8800, 0.4580,
2.7140

 230.2750, 1.1440,
12.3120

 235.0310, 7.8830,
16.8350

 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



192.6450, 53.4220, -43.0740



184.4990, -5.1250, -55.8210



153.2670, -113.2800, -72.6080

Triad

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



184.4990, -5.1250, -55.8210



158.7970, -142.6300, -36.2780



180.3470, 54.5080, 36.3960

Complementary

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



184.4990, -5.1250, -55.8210



132.5010, 5.1250, 55.8210

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.



192.6810, 30.8010, 53.0490



184.4990, -5.1250, -55.8210



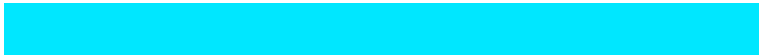
182.0290, -68.8650, -1.9610

Square

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



184.4990, -5.1250, -55.8210



164.6670, -145.3800, -41.5080



202.0600, 10.0800, 37.6000



182.0840, 70.2850, 9.2690

Rectangle

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



184.4990, -5.1250, -55.8210



160.1580, -128.5500, -60.1820



202.0600, 10.0800, 37.6000



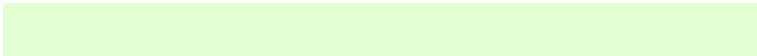
182.3820, 47.4000, 44.0720

Sweetspot

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



184.4990, -5.1250, -55.8210



242.3240, -1.6930, -18.8850



177.5850, 54.7920, -12.8240



120.2520, -1.1900, -11.4780



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.



184.4990, -5.1250, -55.8210



202.9430, -7.2760, -77.4200



171.0310, -39.0980, -62.3780



108.6530, -0.6410, -4.9050



123.9430, -7.2760, -77.4200



33.8570, -1.8760, -21.0760

Inverse Universe

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



132.5010, 5.1250, 55.8210



131.0570, 7.2760, 77.4200



145.9690, 39.0980, 62.3780



104.3470, 0.6410, 4.9050



52.0570, 7.2760, 77.4200



14.1430, 1.8760, 21.0760

Previews

White Background



This preview shows how the YIQ color 184.4990, -5.1250, -55.8210 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 184.4990, -5.1250, -55.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

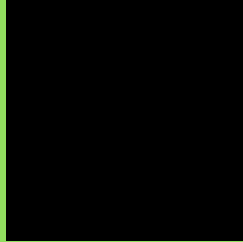
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.4990, -5.1250, -55.8210

Background



This preview shows how black text looks on a background with the YIQ color 184.4990, -5.1250, -55.8210.



This preview shows how white text looks on a background with the YIQ color 184.4990, -5.1250,

-55.8210.

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

184.4990, -5.1250, -55.8210

Protanopia

194.8100, 49.0640, -30.1680

Deuteranopia

198.2990, 61.3490, -16.0190



Tritanopia

197.0810, -31.0850, -3.8290

Trichromacy



Original Color

184.4990, -5.1250, -55.8210



Protanomaly

191.3620, 29.5340, -39.6660



Deuteranomaly

193.3510, 37.2350, -30.5490



Tritanomaly

192.5650, -21.5450, -22.5450

Monochromacy



Original Color

184.4990, -5.1250, -55.8210



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.3840, -1.9220, -20.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4990, -5.1250, -55.8210 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(145, 222, 95)` looks like.

```
.text, #text, p{  
    color:rgb(145, 222, 95)  
}
```

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(145, 222, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 222, 95) }
```

Border

The CSS property to change the border of an element to YIQ 184.4990, -5.1250, -55.8210 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(145, 222, 95) }
```


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

```
.border{ border-color:rgb(145, 222, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 222, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 222, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 222, 95);  
box-shadow:4px 4px 4px 4px rgb(145, 222,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4990, -5.1250, -55.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 222, 95) }
```

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

```
.background{ background-color: rgb(145,  
222, 95) }
```

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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