

Converting Colors

YIQ(200.1450, 22.4750,
-49.4050)

Have a look what the booklet for
YIQ(200.1450, 22.4750, -49.4050)
contains.

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Color

**YIQ(200.1450, 22.4750,
-49.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE25B
RGB	191, 226, 91
RGB Percent	75%, 89%, 36%
CMY	0.2511, 0.1136, 0.6429
CMYK	0.16, 0.00, 0.60, 0.11
HSL	76°, 70%, 62%
HSV	76°, 60%, 89%
XYZ	50.5658, 66.2275, 20.0268
YIQ	200.1450, 22.4750, -49.4050

Conversions

Conversions Part 2

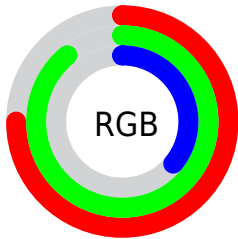
Format	Color
R_{YB}	91, 226, 126
Decimal	12575323
CIE _{Lab}	85.11, -30.68, 60.59
CIE _{LCh}	85, 67.918, 116.859
Yxy	66.2275, 0.3696, 0.4840
Android (android.graphics.Color)	4290765403 (0xFFBFE25B)
YUV	200.1450, -53.8085, -8.0202
Hunter-Lab	81.3803, -31.5041, 42.3756

Details

The YIQ color $200.1450, 22.4750, -49.4050$ 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 $116.8550, -22.4750, 49.4050$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.0790, 32.0090, -34.9590$, and $144.2050, 22.2460, -50.7620$ is the 20% darker color. If you saturate the color by 10%, you get $195.7290, 26.2820, -57.8300$, and if you desaturate by 10%, it is $204.5610, 18.6680, -40.9800$.

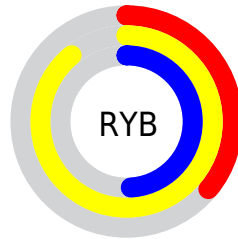
Distribution



Red (75%)

Green (89%)

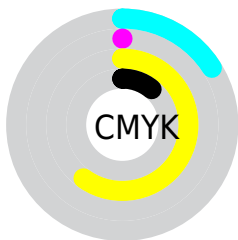
Blue (36%)



Red (36%)

Yellow (89%)

Blue (49%)

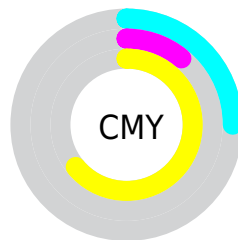


Cyan (16%)

Magenta (0%)

Yellow (60%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1450, 22.4750, -49.4050 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 200.1450, 22.4750, -49.4050 by changing the saturation by 10% instead.

200.1450, 22.4750,
-49.4050

200.1450, 22.4750,
-49.4050

255.0000, -0.0000,
-0.0000

171.9600, 21.5580,
-49.3060

241.0790, 32.0090,
-34.9590

144.3190, 21.9250,
-50.4510

245.7660, 26.0010,
-25.1910

116.5210, 24.1720,
-52.6280

248.9580, 17.0130,
-16.4830

93.1860, 15.2300,
-44.7540

252.2640, 7.7040,
-7.4640

70.7370, 6.6090,
-37.1910

47.6790, -4.6710,
-30.9990

27.5890, -12.9250,

-24.5810

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 200.1450, 22.4750,
-49.4050

■ 200.1450, 22.4750,
-49.4050

■ 195.7290, 26.2820,
-57.8300

■ 204.5610, 18.6680,
-40.9800

■ 191.4270, 29.7680,
-65.9440


■ 208.8630, 15.1820,
-32.8660


■ 187.0110, 33.5750,
-74.3690


■ 213.2790, 11.3750,
-24.4410

■ 182.7090, 37.0610,
-82.4830


■ 217.2820, 7.2930,
-16.5390


 182.5950, 37.3820,
-82.7940

 221.6980, 3.4860,
-8.1140

 226.1140, -0.3210,
0.3110

 230.4160, -3.8070,
8.4250

 232.8940, -2.1570,
11.5630

 234.6880, 1.4190,
12.8350

Harmonies

Analogous

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



206.2330, 69.7420, -30.4660



200.1450, 22.4750, -49.4050



187.5450, -46.2970, -58.5610

Triad

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



200.1450, 22.4750, -49.4050



168.1890, -147.0300, -44.6460



193.1250, 37.8180, 41.5140

Complementary

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



200.1450, 22.4750, -49.4050



116.8550, -22.4750, 49.4050

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.



206.2790, 22.8250, 43.4090



200.1450, 22.4750, -49.4050



165.0650, -131.5810, -32.7730

Square

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



200.1450, 22.4750, -49.4050



172.2980, -148.9550, -48.3070



206.2920, -14.7210, 18.9990



188.7640, 56.9870, 18.9950

Rectangle

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



200.1450, 22.4750, -49.4050



163.2750, -124.9260, -70.7980



206.2920, -14.7210, 18.9990



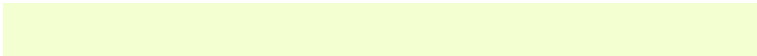
197.3940, 29.9310, 46.7870

Sweetspot

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



200.1450, 22.4750, -49.4050



246.1680, 7.6140, -16.8500



151.3230, 71.1100, 10.8380



122.3020, 4.5410, -10.7150



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.



200.1450, 22.4750, -49.4050



219.6720, 30.4560, -67.4000



180.4110, -16.8610, -63.3970



109.8490, 1.7430, -4.0570



142.1820, 29.0800, -64.4880



38.9400, 8.2560, -17.4720

Inverse Universe

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



116.8550, -22.4750, 49.4050



106.3280, -30.4560, 67.4000



136.5890, 16.8610, 63.3970



103.1510, -1.7430, 4.0570



33.8180, -29.0800, 64.4880



9.3590, -7.6600, 17.6840

Previews

White Background



This preview shows how the YIQ color 200.1450, 22.4750, -49.4050 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 200.1450, 22.4750, -49.4050 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 200.1450, 22.4750, -49.4050

Background



This preview shows how black text looks on a background with the YIQ color 200.1450, 22.4750, -49.4050.



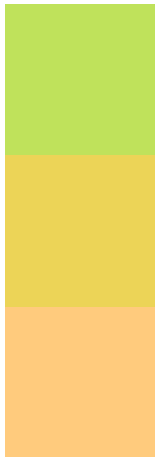
This preview shows how white text looks on a background with the YIQ color 200.1450, 22.4750,

-49.4050.

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

200.1450, 22.4750, -49.4050

Protanopia

204.9260, 54.4290, -33.7870

Deuteranopia

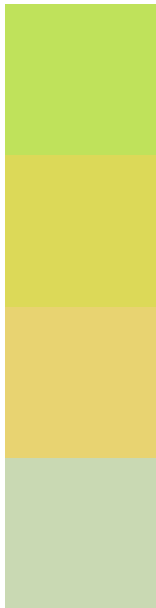
209.6560, 56.0300, -13.2340



Tritanopia

212.4430, -8.4370, 4.2270

Trichromacy



Original Color

200.1450, 22.4750, -49.4050

Protanomaly

203.1910, 43.1970, -39.4830

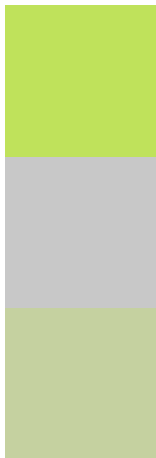
Deuteranomaly

206.1070, 43.9740, -26.0260

Tritanomaly

207.8840, 2.6620, -15.2100

Monochromacy



Original Color

200.1450, 22.4750, -49.4050

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8260, 8.5770, -17.7830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.1450, 22.4750, -49.4050 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(191, 226, 91)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 91)  
}
```

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(191, 226, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 91) }
```

Border

The CSS property to change the border of an element to YIQ 200.1450, 22.4750, -49.4050 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(191, 226, 91) }
```


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

```
.border{ border-color:rgb(191, 226, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 226, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 226, 91); box-shadow:4px 4px 4px 4px rgb(191, 226, 91) }
```

Background

The CSS property to change the background color of an element to YIQ 200.1450, 22.4750, -49.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 91) }
```

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

```
.background{ background-color: rgb(191,  
226, 91) }
```

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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