

Converting Colors

YIQ(190.5250, -13.7590,
23.5930)

Have a look what the booklet for
YIQ(190.5250, -13.7590, 23.5930)
contains.

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Color

**YIQ(190.5250, -13.7590,
23.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3F6
RGB	192, 179, 246
RGB Percent	75%, 70%, 96%
CMY	0.2470, 0.2980, 0.0354
CMYK	0.22, 0.27, 0.00, 0.04
HSL	252°, 79%, 83%
HSV	252°, 27%, 96%
XYZ	54.4923, 50.0991, 93.9650
YIQ	190.5250, -13.7590, 23.5930

Conversions

Conversions Part 2

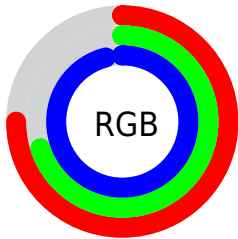
Format	Color
R_{YB}	192, 179, 246
Decimal	12628982
CIE _{Lab}	76.13, 18.26, -31.57
CIE _{LCh}	76, 36.469, 300.043
Yxy	50.0991, 0.2744, 0.2523
Android (android.graphics.Color)	4290819062 (0xFFC0B3F6)
YUV	190.5250, 27.3492, 1.2936
Hunter-Lab	70.7807, 13.5565, -29.1639

Details

The YIQ color $190.5250, -13.7590, 23.5930$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.4750, 13.7590, -23.5930$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.4660, 1.9240, 9.1880$, and $136.4710, -13.6670, 21.9250$ is the 20% darker color. If you saturate the color by 10%, you get $169.8700, -18.8040, 32.4280$, and if you desaturate by 10%, it is $211.1800, -8.7140, 14.7580$.

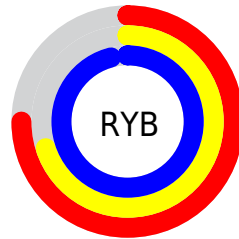
Distribution



Red (75%)

Green (70%)

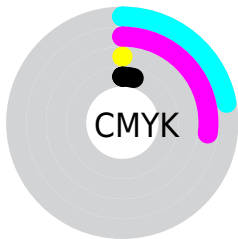
Blue (96%)



Red (75%)

Yellow (70%)

Blue (96%)

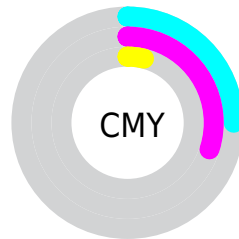


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.5250, -13.7590, 23.5930 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 190.5250, -13.7590, 23.5930 by changing the saturation by 10% instead.

■ 190.5250,
-13.7590, 23.5930

■ 190.5250,
-13.7590, 23.5930

■ 255.0000, -0.0000,
-0.0000

■ 162.9980,
-13.7130, 22.7590

■ 241.4660, 1.9240,
9.1880

■ 136.4710,
-13.6670, 21.9250

■ 110.9440,
-13.6210, 21.0910

■ 86.4170, -13.5750,
20.2570

■ 62.4770, -13.8040,
18.9000

■ 39.8250, -14.9040,
16.8080

■ 16.8030, -17.8380,

14.9140

■ 5.1470, -13.1150,
11.9170

■ 2.5250, -5.7320,
4.7640

■ 190.5250,
-13.7590, 23.5930

■ 190.5250,
-13.7590, 23.5930

■ 169.8700,
-18.8040, 32.4280

■ 211.1800, -8.7140,
14.7580

■ 149.8020,
-24.1240, 40.7400

■ 231.2480, -3.3940,
6.4460

■ 129.4460,
-28.5730, 49.7870

■ 251.6040, 1.0550,
-2.6010

■ 109.3780,
-33.8930, 58.0990

■ 253.9740, 2.8890,
-2.7990

■ 88.7230, -38.9380,
66.9340

■ 68.0680, -43.9830,
75.7690

■ 48.0000, -49.3030,
84.0810

■ 42.3960, -50.3580,
86.6820

Harmonies

Analogous

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



183.3460, -50.3440, 9.3040



190.5250, -13.7590, 23.5930



192.6940, 19.6180, 29.9380

Triad

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



190.5250, -13.7590, 23.5930



188.1200, 52.2680, -0.1160



170.6450, -60.0570, -29.4410

Complementary

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



190.5250, -13.7590, 23.5930



234.4750, 13.7590, -23.5930

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.



177.2670, -23.8820, -29.7540



190.5250, -13.7590, 23.5930



185.9510, 36.0860, -15.2260

Square

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



190.5250, -13.7590, 23.5930



190.2860, 55.3370, 15.8570



181.9690, 9.3120, -25.6000



165.4480, -87.0630, -24.5910

Rectangle

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



190.5250, -13.7590, 23.5930



192.0350, 37.5910, 29.1030



181.9690, 9.3120, -25.6000



172.5770, -48.1820, -29.8940

Sweetspot

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



190.5250, -13.7590, 23.5930



238.4760, -4.0360, 7.0680



218.9230, -36.6320, -7.9280



117.0800, -2.9810, 4.4670



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.



190.5250, -13.7590, 23.5930



185.3600, -17.4280, 29.5160



200.3920, 5.9090, 30.5890



112.2650, -2.0640, 4.3680



31.9680, -38.2500, 65.4780



10.0150, -12.3830, 20.6810

Inverse Universe

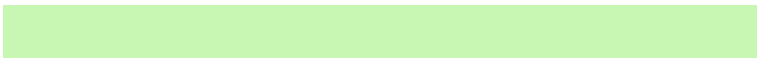
The Inverse Universe completely reimagines the original color for something new.



205.1890, 22.5980, 30.9980



203.8680, 28.2360, 38.9560



224.6080, -5.9090, -30.5890



114.7280, 3.9420, 5.6540



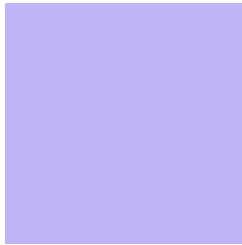
72.7140, 62.7060, 86.0820



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 190.5250, -13.7590, 23.5930 looks on a white background.

Color Contrast Check

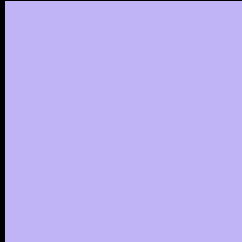
Large Text (above 18pt) WCAG AA × Fail

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 190.5250, -13.7590, 23.5930 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 190.5250, -13.7590, 23.5930

Background



This preview shows how black text looks on a background with the YIQ color 190.5250, -13.7590, 23.5930.



This preview shows how white text looks on a background with the YIQ color 190.5250, -13.7590,

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

190.5250, -13.7590, 23.5930

Protanopia

187.7400, -30.7220, 17.1340

Deuteranopia

188.8500, -25.2200, 16.5400



Tritanopia

187.8130, -6.6030, 4.0290

Trichromacy



Original Color

190.5250, -13.7590, 23.5930

Protanomaly

188.7300, -24.7620, 19.2540

Deuteranomaly

189.4700, -21.0940, 18.8580

Tritanomaly

188.7730, -9.1260, 11.2100

Monochromacy



Original Color

190.5250, -13.7590, 23.5930

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.9320, -5.3200, 8.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.5250, -13.7590, 23.5930 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(192, 179, 246)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 246)  
}
```

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(192, 179, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 246) }
```

Border

The CSS property to change the border of an element to YIQ 190.5250, -13.7590, 23.5930 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(192, 179, 246) }
```


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

```
.border{ border-color:rgb(192, 179, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 246);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5250, -13.7590, 23.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 246) }
```

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

```
.background{ background-color: rgb(192,  
179, 246) }
```

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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