

Converting Colors

YIQ(165.0990, -23.4690,
-31.7330)

Have a look what the booklet for
YIQ(165.0990, -23.4690, -31.7330)
contains.

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Color

**YIQ(165.0990, -23.4690,
-31.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC089
RGB	123, 192, 137
RGB Percent	48%, 75%, 54%
CMY	0.5178, 0.2469, 0.4628
CMYK	0.36, 0.00, 0.29, 0.25
HSL	132°, 35%, 62%
HSV	132°, 36%, 75%
XYZ	31.5315, 43.7249, 30.4399
YIQ	165.0990, -23.4690, -31.7330

Conversions

Conversions Part 2

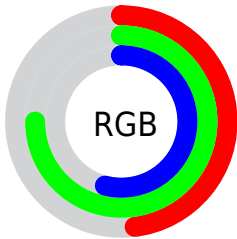
Format	Color
RYB	123, 180, 192
Decimal	8110217
CIELab	72.04, -33.37, 21.03
CIELCh	72, 39.443, 147.787
Yxy	43.7249, 0.2983, 0.4137
Android (android.graphics.Color)	4286300297 (0xFF7BC089)
YUV	165.0990, -13.8528, -36.9208
Hunter-Lab	66.1248, -30.6010, 18.9938

Details

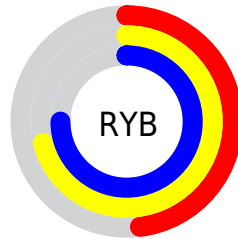
The YIQ color **165.0990, -23.4690, -31.7330** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **149.9010, 23.4690, 31.7330**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.1590, -23.6980, -33.0900**, and **111.8540, -24.1570, -30.2770** is the 20% darker color. If you saturate the color by 10%, you get **157.7080, -29.9780, -40.4260**, and if you desaturate by 10%, it is **172.4900, -16.9600, -23.0400**.

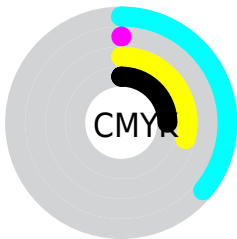
Distribution



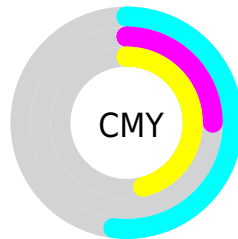
- Red (48%)
- Green (75%)
- Blue (54%)



- Red (48%)
- Yellow (71%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.0990, -23.4690, -31.7330 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 165.0990, -23.4690, -31.7330 by changing the saturation by 10% instead.

■ 165.0990,
-23.4690, -31.7330

■ 165.0990,
-23.4690, -31.7330

■ 255.0000, -0.0000,
-0.0000

■ 138.2130,
-23.7900, -31.4220

■ 221.1590,
-23.6980, -33.0900

■ 111.8540,
-24.1570, -30.2770

■ 236.2450,
-17.6480, -21.5840

■ 86.0820, -24.7990,
-29.6550

■ 248.1080, -9.3520,
-6.7280

■ 59.6300, -29.3380,
-29.9940

■ 39.1470, -23.4240,
-27.0400

■ 24.0670, -11.2750,
-21.4430

■ 8.2180, -3.8500,

-7.3220

■ 0.0000, 0.0000,
0.0000

■ 165.0990,
-23.4690, -31.7330

■ 165.0990,
-23.4690, -31.7330

■ 157.7080,
-29.9780, -40.4260

■ 172.4900,
-16.9600, -23.0400

■ 150.2030,
-36.1660, -49.4300

■ 179.9950,
-10.7720, -14.0360

■ 142.5130,
-43.2710, -58.3350

■ 187.6850, -3.6670,
-5.1310

■ 135.1220,
-49.7800, -67.0280

■ 195.0760, 2.8420,
3.5620

■ 127.6170,
-55.9680, -76.0320

■ 202.4670, 9.3510,
12.2550

■ 120.2260,
-62.4770, -84.7250

■ 209.9720, 15.5390,
21.2590

■ 117.1500,
-65.3190, -88.2870

■ 216.7650, 20.8560,
29.5280

■ 218.0190, 17.3250,
32.9490

Harmonies

Analogous

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



170.9970, 12.1090, -26.7310



165.0990, -23.4690, -31.7330



156.6010, -65.9250, -33.2290

Triad

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



165.0990, -23.4690, -31.7330



170.1000, -58.4590, 7.6930



178.7210, 58.5460, 18.2740

Complementary

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



165.0990, -23.4690, -31.7330



149.9010, 23.4690, 31.7330

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.



180.7540, 45.7520, 29.8800



165.0990, -23.4690, -31.7330



178.8990, -17.7480, 24.3000

Square

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



165.0990, -23.4690, -31.7330



153.4980, -98.5270, -15.0630



181.6770, 18.2880, 32.0160



176.9140, 55.8440, 1.1560

Rectangle

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



165.0990, -23.4690, -31.7330



147.0780, -98.0650, -34.4570



181.6770, 18.2880, 32.0160



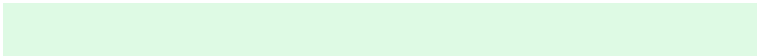
179.1000, 56.1610, 22.9530

Sweetspot

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



165.0990, -23.4690, -31.7330



239.1200, -9.6260, -12.7780



179.9480, 13.8050, -24.4270



118.7340, -5.3630, -7.4350



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.0990, -23.4690, -31.7330



207.9040, -36.7620, -49.6420



168.9750, -34.3830, -21.1590



93.0980, -3.3920, -4.6080



98.2690, -54.8680, -73.9400



20.1690, -11.3220, -15.0820

Inverse Universe

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



149.9010, 23.4690, 31.7330



184.0960, 36.7620, 49.6420



146.0250, 34.3830, 21.1590



90.9020, 3.3920, 4.6080



62.7310, 54.8680, 73.9400



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 165.0990, -23.4690, -31.7330 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 165.0990, -23.4690, -31.7330 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 165.0990, -23.4690, -31.7330 Background



This preview shows how black text looks on a background with the YIQ color 165.0990, -23.4690, -31.7330.



This preview shows how white text looks on a background with the YIQ color 165.0990, -23.4690, -31.7330.

-31.7330.

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

165.0990, -23.4690, -31.7330

Protanopia

174.6430, 22.5140, -11.5500

Deuteranopia

176.3870, 29.5270, -0.9770



Tritanopia

171.0590, -34.0190, -5.7230

Trichromacy



Original Color

165.0990, -23.4690, -31.7330

Protanomaly

171.3310, 5.5970, -18.8430

Deuteranomaly

172.1840, 10.6850, -11.9310

Tritanomaly

169.0020, -29.8450, -15.2930

Monochromacy



Original Color

165.0990, -23.4690, -31.7330

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2450, -8.4800, -11.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0990, -23.4690, -31.7330 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(123, 192, 137)` looks like.

```
.text, #text, p{  
    color:rgb(123, 192, 137)  
}
```

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(123, 192, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 192, 137) }
```

Border

The CSS property to change the border of an element to YIQ 165.0990, -23.4690, -31.7330 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(123, 192, 137) }
```


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

```
.border{ border-color:rgb(123, 192, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 192, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 192, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 192, 137);  
box-shadow:4px 4px 4px 4px rgb(123, 192,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0990, -23.4690, -31.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 192, 137) }
```

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

```
.background{ background-color: rgb(123,  
192, 137) }
```

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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