

Converting Colors

YIQ(150.2290, 21.6980,
-62.8620)

Have a look what the booklet for
YIQ(150.2290, 21.6980, -62.8620)
contains.

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Color

**YIQ(150.2290, 21.6980,
-62.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	84B913
RGB	132, 185, 19
RGB Percent	52%, 73%, 7%
CMY	0.4826, 0.2744, 0.9252
CMYK	0.29, 0.00, 0.90, 0.27
HSL	79°, 81%, 40%
HSV	79°, 90%, 73%
XYZ	26.9781, 39.6551, 6.8508
YIQ	150.2290, 21.6980, -62.8620

Conversions

Conversions Part 2

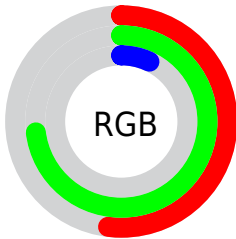
Format	Color
RYB	19, 185, 72
Decimal	8698131
CIELab	69.22, -38.75, 67.39
CIElCh	69, 77.734, 119.897
Yxy	39.6551, 0.3671, 0.5396
Android (android.graphics.Color)	4286888211 (0xFF84B913)
YUV	150.2290, -64.6959, -15.9868
Hunter-Lab	62.9723, -33.7299, 37.6303

Details

The YIQ color **150.2290, 21.6980, -62.8620** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **53.7710, -21.6980, 62.8620**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6680, 19.0840, -59.5400**, and **100.2080, 8.9960, -52.9240** is the 20% darker color. If you saturate the color by 10%, you get **146.3830, 23.9000, -69.7320**, and if you desaturate by 10%, it is **154.1890, 19.1750, -55.6810**.

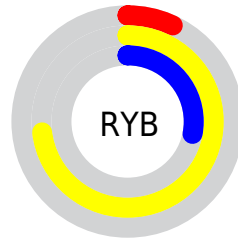
Distribution



Red (52%)

Green (73%)

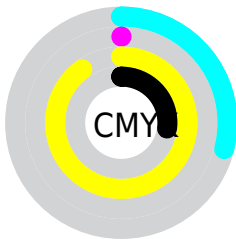
Blue (7%)



Red (7%)

Yellow (73%)

Blue (28%)

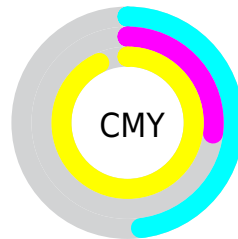


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2290, 21.6980, -62.8620 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 150.2290, 21.6980, -62.8620 by changing the saturation by 10% instead.

■ 150.2290, 21.6980,
-62.8620

■ 150.2290, 21.6980,
-62.8620

■ 255.0000, -0.0000,
-0.0000

■ 123.8420, 18.5340,
-60.5860

■ 207.6680, 19.0840,
-59.5400

■ 100.2080, 8.9960,
-52.9240

■ 228.0480, 24.1260,
-51.7940

■ 76.5740, -0.5420,
-45.2620

■ 239.9110, 32.4220,
-36.9380

■ 50.2380, -16.9110,
-40.4550

■ 245.3100, 27.2850,
-26.4350

■ 34.0460, -15.9500,
-30.3340

■ 248.5020, 18.2970,
-17.7270

■ 22.3060, -10.4500,
-19.8740

■ 251.9220, 8.6670,

■ 0.0000, 0.0000,

-8.3970

0.0000

■ 150.2290, 21.6980,
-62.8620

■ 150.2290, 21.6980,
-62.8620

■ 146.3830, 23.9000,
-69.7320

■ 154.1890, 19.1750,
-55.6810

■ 146.2690, 24.2210,
-70.0430

■ 158.0350, 16.9730,
-48.8110

■ 161.9950, 14.4500,
-41.6300

■ 165.8410, 12.2480,
-34.7600

■ 169.8010, 9.7250,
-27.5790

■ 173.3480, 6.9270,
-20.9210

■ 177.3080, 4.4040,
-13.7400

■ 181.1540, 2.2020,
-6.8700

■ 185.1140, -0.3210,
0.3110

Harmonies

Analogous

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



157.8400, 74.7420, -43.9940



150.2290, 21.6980, -62.8620



125.7680, -84.0740, -73.2740

Triad

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



150.2290, 21.6980, -62.8620



142.9480, -135.2050, -22.1570



151.0310, 70.9180, 58.3900

Complementary

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



150.2290, 21.6980, -62.8620



53.7710, -21.6980, 62.8620

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.



170.9140, 40.9310, 67.7070



150.2290, 21.6980, -62.8620



133.5560, -130.8050, -13.7890

Square

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



150.2290, 21.6980, -62.8620



145.1190, -131.6730, -31.1050



166.1560, -25.3610, 35.6230



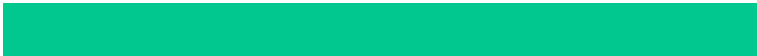
150.7960, 89.4920, 30.1320

Rectangle

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



150.2290, 21.6980, -62.8620



133.5880, -100.5820, -60.4380



166.1560, -25.3610, 35.6230



156.1150, 62.1140, 63.7620

Sweetspot

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



150.2290, 21.6980, -62.8620



226.3110, 8.3490, -24.6670



99.7450, 84.3610, 7.4730



111.9660, 5.3670, -14.6730



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



150.2290, 21.6980, -62.8620



189.6170, 31.1480, -90.9640



125.4120, -27.7700, -80.4580



90.0770, 1.1010, -3.4350



123.2660, 20.2760, -59.1160



22.1170, 3.6240, -10.6160

Inverse Universe

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



53.7710, -21.6980, 62.8620



50.3830, -31.1480, 90.9640



78.5880, 27.7700, 80.4580



84.9230, -1.1010, 3.4350



32.7340, -20.2760, 59.1160



5.8830, -3.6240, 10.6160

Previews

White Background



This preview shows how the YIQ color 150.2290, 21.6980, -62.8620 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 150.2290, 21.6980, -62.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

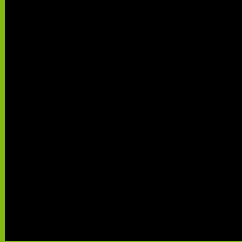
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.2290, 21.6980, -62.8620

Background



This preview shows how black text looks on a background with the YIQ color 150.2290, 21.6980, -62.8620.



This preview shows how white text looks on a background with the YIQ color 150.2290, 21.6980,

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

150.2290, 21.6980, -62.8620

Protanopia

157.3810, 62.9130, -44.3750

Deuteranopia

161.7540, 69.8330, -26.6070



Tritanopia

166.7190, -18.2020, -0.5220

Trichromacy



Original Color

150.2290, 21.6980, -62.8620

Protanomaly

154.9660, 47.7840, -51.0320

Deuteranomaly

157.5680, 52.3210, -39.6390

Tritanomaly

160.9060, -3.5720, -23.3800

Monochromacy



Original Color

150.2290, 21.6980, -62.8620

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0660, 7.6610, -23.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2290, 21.6980, -62.8620 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(132, 185, 19)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 19)  
}
```

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(132, 185, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 19) }
```

Border

The CSS property to change the border of an element to YIQ 150.2290, 21.6980, -62.8620 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(132, 185, 19) }
```


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

```
.border{ border-color:rgb(132, 185, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 185, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 19);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2290, 21.6980, -62.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 19) }
```

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

```
.background{ background-color: rgb(132,  
185, 19) }
```

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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