

Converting Colors

YIQ(173.4210, 29.9050,
-62.9190)

Have a look what the booklet for
YIQ(173.4210, 29.9050, -62.9190)
contains.

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Color

**YIQ(173.4210, 29.9050,
-62.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CE21
RGB	163, 206, 33
RGB Percent	64%, 81%, 13%
CMY	0.3610, 0.1921, 0.8703
CMYK	0.21, 0.00, 0.84, 0.19
HSL	75°, 72%, 47%
HSV	75°, 84%, 81%
XYZ	37.4443, 52.0421, 9.5152
YIQ	173.4210, 29.9050, -62.9190

Conversions

Conversions Part 2

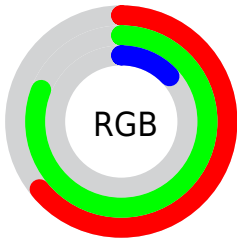
Format	Color
RYB	33, 206, 76
Decimal	10735137
CIELab	77.31, -35.64, 72.12
CIELCh	77, 80.447, 116.300
Yxy	52.0421, 0.3782, 0.5257
Android (android.graphics.Color)	4288925217 (0xFFA3CE21)
YUV	173.4210, -69.2276, -9.1392
Hunter-Lab	72.1402, -33.5953, 42.6779

Details

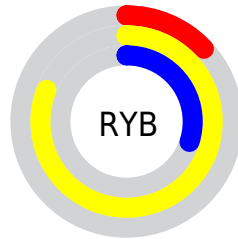
The YIQ color **173.4210, 29.9050, -62.9190** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **65.5790, -29.9050, 62.9190**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1210, 31.0500, -56.1340**, and **120.9180, 21.3760, -57.0240** is the 20% darker color. If you saturate the color by 10%, you get **169.5320, 33.6660, -70.5100**, and if you desaturate by 10%, it is **177.3100, 26.1440, -55.3280**.

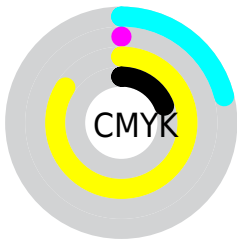
Distribution



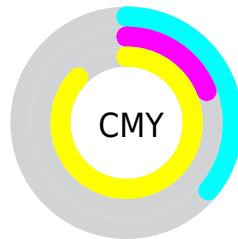
- Red (64%)
- Green (81%)
- Blue (13%)



- Red (13%)
- Yellow (81%)
- Blue (30%)



- Cyan (21%)
- Magenta (0%)
- Yellow (84%)
- Black (19%)





- Cyan (36%)
- Magenta (19%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.4210, 29.9050, -62.9190 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 173.4210, 29.9050, -62.9190 by changing the saturation by 10% instead.


 173.4210, 29.9050,
-62.9190


 173.4210, 29.9050,
-62.9190


255.0000, -0.0000,
-0.0000


 144.5520, 30.9140,
-64.6860


 227.1210, 31.0500,
-56.1340


 120.9180, 21.3760,
-57.0240


 239.2830, 39.9420,
-41.0660


 96.6970, 12.1130,
-48.8390


 243.4860, 32.4210,
-31.4110

 73.3510, 1.7040,
-41.9120

 246.6780, 23.4330,
-22.7030

 49.0970, -11.9600,
-36.5680

 249.9840, 14.1240,
-13.6840

 31.1110, -14.5750,
-27.7190

 253.4040, 4.4940,

 19.3710, -9.0750,

-4.3540

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 173.4210, 29.9050,
-62.9190

■ 173.4210, 29.9050,
-62.9190

■ 169.5320, 33.6660,
-70.5100

■ 177.3100, 26.1440,
-55.3280

■ 167.2670, 35.7300,
-74.8780

■ 181.0850, 22.7040,
-48.0480

■ 184.9740, 18.9430,
-40.4570

■ 188.7490, 15.5030,
-33.1770

■ 192.9370, 12.3380,
-25.3740

■ 196.8260, 8.5770,
-17.7830

■ 200.6010, 5.1370,
-10.5030

■ 204.4900, 1.3760,
-2.9120

■ 208.2650, -2.0640,
4.3680

Harmonies

Analogous

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



178.2730, 89.4600, -46.4120



173.4210, 29.9050, -62.9190



152.5540, -68.8520, -73.8120

Triad

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



173.4210, 29.9050, -62.9190



157.6230, -142.0800, -35.2320



167.4790, 54.9170, 56.5250

Complementary

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



173.4210, 29.9050, -62.9190



65.5790, -29.9050, 62.9190

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.



188.0820, 31.3500, 59.6220



173.4210, 29.9050, -62.9190



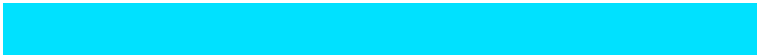
148.2310, -137.6800, -26.8640

Square

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



173.4210, 29.9050, -62.9190



161.1450, -143.7300, -38.3700



182.9240, -28.0640, 24.0320



163.8530, 76.1500, 29.6380

Rectangle

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



173.4210, 29.9050, -62.9190



148.9300, -110.7130, -69.5690



182.9240, -28.0640, 24.0320



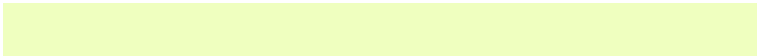
173.2640, 45.5170, 61.6850

Sweetspot

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



173.4210, 29.9050, -62.9190



242.9200, 11.0080, -23.2960



108.2070, 92.1080, 15.7560



120.5640, 6.5590, -14.2490



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.



173.4210, 29.9050, -62.9190



206.7940, 43.7110, -92.8730



148.3050, -20.1590, -80.7270



99.9630, 1.4220, -3.7460



134.5180, 28.2540, -60.5300



30.9770, 6.8340, -13.7260

Inverse Universe

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



65.5790, -29.9050, 62.9190



48.2060, -43.7110, 92.8730



90.6950, 20.1590, 80.7270



93.7380, -2.0180, 3.5340



31.1830, -28.8500, 60.3180



7.3220, -6.2380, 13.9380

Previews

White Background



This preview shows how the YIQ color 173.4210, 29.9050, -62.9190 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 173.4210, 29.9050, -62.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

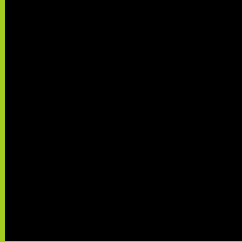
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.4210, 29.9050, -62.9190

Background



This preview shows how black text looks on a background with the YIQ color 173.4210, 29.9050, -62.9190.



This preview shows how white text looks on a background with the YIQ color 173.4210, 29.9050, -62.9190.

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

173.4210, 29.9050, -62.9190

Protanopia

179.4090, 65.7100, -45.5060

Deuteranopia

183.1800, 77.2610, -29.0670



Tritanopia

190.1220, -11.9670, 2.1210

Trichromacy



Original Color

173.4210, 29.9050, -62.9190

Protanomaly

176.7770, 52.6900, -51.8380

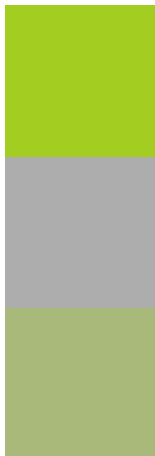
Deuteranomaly

179.5210, 59.7030, -41.2650

Tritanomaly

184.0810, 3.3050, -21.3590

Monochromacy



Original Color

173.4210, 29.9050, -62.9190

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0340, 10.6870, -22.9850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.4210, 29.9050, -62.9190 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(163, 206, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 206, 33)  
}
```

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(163, 206, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 206, 33) }
```

Border

The CSS property to change the border of an element to YIQ 173.4210, 29.9050, -62.9190 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(163, 206, 33) }
```


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

```
.border{ border-color:rgb(163, 206, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 206, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 206, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 206, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 206,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 173.4210, 29.9050, -62.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 206, 33) }
```

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

```
.background{ background-color: rgb(163,  
206, 33) }
```

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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