

Converting Colors

YIQ(165.9550, 37.1490,
-62.0430)

Have a look what the booklet for
YIQ(165.9550, 37.1490, -62.0430)
contains.

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Color

**YIQ(165.9550, 37.1490,
-62.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C413
RGB	163, 196, 19
RGB Percent	64%, 77%, 7%
CMY	0.3610, 0.2313, 0.9251
CMYK	0.17, 0.00, 0.90, 0.23
HSL	71°, 82%, 42%
HSV	71°, 90%, 77%
XYZ	34.9555, 47.3146, 7.9096
YIQ	165.9550, 37.1490, -62.0430

Conversions

Conversions Part 2

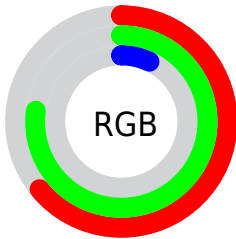
Format	Color
RYB	19, 196, 52
Decimal	10732563
CIELab	74.39, -31.38, 72.40
CIELCh	74, 78.905, 113.437
Yxy	47.3146, 0.3876, 0.5247
Android (android.graphics.Color)	4288922643 (0xFFA3C413)
YUV	165.9550, -72.4488, -2.5915
Hunter-Lab	68.7856, -29.6646, 41.3322

Details

The YIQ color **165.9550, 37.1490, -62.0430** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **49.0450, -37.1490, 62.0430**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.9210, 34.4890, -57.8870**, and **115.0480, 24.1260, -51.7940** is the 20% darker color. If you saturate the color by 10%, you get **162.5930, 40.8640, -68.8000**, and if you desaturate by 10%, it is **169.4310, 33.1130, -54.9750**.

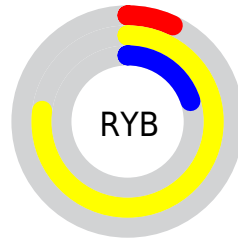
Distribution



Red (64%)

Green (77%)

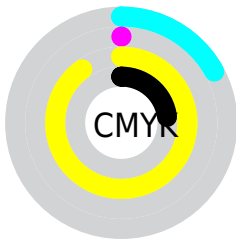
Blue (7%)



Red (7%)

Yellow (77%)

Blue (20%)

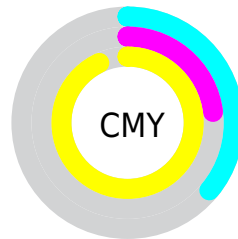


Cyan (17%)

Magenta (0%)

Yellow (90%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9550, 37.1490, -62.0430 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 165.9550, 37.1490, -62.0430 by changing the saturation by 10% instead.

■ 165.9550, 37.1490,
-62.0430

■ 165.9550, 37.1490,
-62.0430

■ 255.0000, -0.0000,
-0.0000

■ 139.2690, 33.3890,
-59.9790

■ 224.9210, 34.4890,
-57.8870

■ 115.0480, 24.1260,
-51.7940

■ 238.3710, 42.5100,
-43.5540

■ 92.3000, 14.9090,
-44.4430

■ 242.4600, 35.3100,
-34.2100

■ 68.9540, 4.5000,
-37.5160

■ 245.7660, 26.0010,
-25.1910

■ 45.5970, -7.3760,
-31.5360

■ 249.0720, 16.6920,
-16.1720

■ 26.4150, -12.3750,
-23.5350

■ 252.3780, 7.3830,

■ 14.0880, -6.6000,

-7.1530

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 165.9550, 37.1490,
-62.0430

■ 165.9550, 37.1490,
-62.0430

■ 162.5930, 40.8640,
-68.8000

■ 169.4310, 33.1130,
-54.9750

■ 172.4940, 28.8020,
-48.4300

■ 175.9700, 24.7660,
-41.3620

■ 179.3320, 21.0510,
-34.6050

■ 182.5090, 16.4190,
-27.7490

■ 185.9850, 12.3830,
-20.6810

■ 189.3470, 8.6680,
-13.9240

■ 192.5240, 4.0360,
-7.0680

■ 196.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



171.2070, 89.8260, -42.0300



165.9550, 37.1490, -62.0430



150.1000, -52.7140, -68.9220

Triad

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



165.9550, 37.1490, -62.0430



152.9270, -139.8800, -31.0480



164.4300, 56.6130, 58.8290

Complementary

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



165.9550, 37.1490, -62.0430



49.0450, -37.1490, 62.0430

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.



185.7340, 32.4500, 61.7140



165.9550, 37.1490, -62.0430



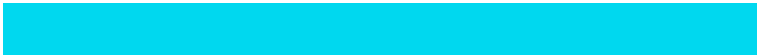
144.1220, -135.7550, -23.2030

Square

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



165.9550, 37.1490, -62.0430



154.0380, -136.1190, -38.6390



174.2970, -39.4800, 21.6720



158.5700, 78.6250, 34.3450

Rectangle

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



165.9550, 37.1490, -62.0430



141.4640, -103.4690, -68.6930



174.2970, -39.4800, 21.6720



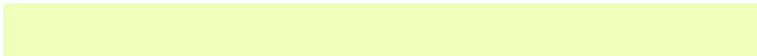
170.6880, 47.2590, 63.1550

Sweetspot

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



165.9550, 37.1490, -62.0430



243.2470, 14.4010, -24.2150



91.2940, 96.4170, 20.2650



120.9340, 8.3930, -14.4470



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.



165.9550, 37.1490, -62.0430



211.5780, 53.2470, -89.4810



139.6430, -15.2990, -80.6990



95.2620, 2.0180, -3.5340



133.6760, 33.8010, -56.4310



27.4440, 7.0170, -11.5350

Inverse Universe

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



49.0450, -37.1490, 62.0430



43.4220, -53.2470, 89.4810



75.3570, 15.2990, 80.6990



88.7380, -2.0180, 3.5340



27.3240, -33.8010, 56.4310



5.5560, -7.0170, 11.5350

Previews

White Background



This preview shows how the YIQ color 165.9550, 37.1490, -62.0430 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 165.9550, 37.1490, -62.0430 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 165.9550, 37.1490, -62.0430

Background



This preview shows how black text looks on a background with the YIQ color 165.9550, 37.1490, -62.0430.



This preview shows how white text looks on a background with the YIQ color 165.9550, 37.1490,

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

165.9550, 37.1490, -62.0430

Protanopia

170.4970, 68.2780, -47.9940

Deuteranopia

174.7670, 76.9860, -29.5900



Tritanopia

182.8130, -6.6030, 4.0290

Trichromacy



Original Color

165.9550, 37.1490, -62.0430

Protanomaly

168.8760, 56.7250, -53.3790

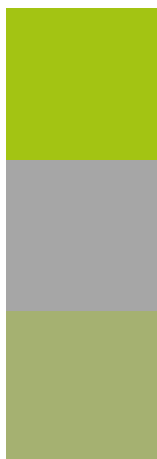
Deuteranomaly

171.4890, 62.7290, -41.0390

Tritanomaly

176.5440, 9.3110, -20.0730

Monochromacy



Original Color

165.9550, 37.1490, -62.0430

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1160, 13.3920, -22.4480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9550, 37.1490, -62.0430 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, 196, 19)` looks like.

```
.text, #text, p{  
    color:rgb(163, 196, 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(163, 196, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 196, 19) }
```

Border

The CSS property to change the border of an element to YIQ 165.9550, 37.1490, -62.0430 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, 196, 19) }
```


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

```
.border{ border-color:rgb(163, 196, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 196, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 196, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 196, 19);  
box-shadow:4px 4px 4px 4px rgb(163, 196,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9550, 37.1490, -62.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 196, 19) }
```

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

```
.background{ background-color: rgb(163,  
196, 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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