

Converting Colors

YIQ(112.5120, -77.0610,
-62.7010)

Have a look what the booklet for
YIQ(112.5120, -77.0610, -62.7010)
contains.

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Color

**YIQ(112.5120, -77.0610,
-62.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	00AE5B
RGB	0, 174, 91
RGB Percent	0%, 68%, 36%
CMY	1.0000, 0.3173, 0.6434
CMYK	1.00, 0.00, 0.48, 0.32
HSL	151°, 100%, 34%
HSV	151°, 100%, 68%
XYZ	17.0358, 31.0546, 14.9799
YIQ	112.5120, -77.0610, -62.7010

Conversions

Conversions Part 2

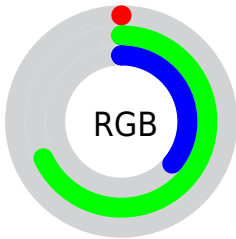
Format	Color
RYB	0, 114, 174
Decimal	44635
CIELab	62.55, -56.68, 32.19
CIELCh	63, 65.185, 150.408
Yxy	31.0546, 0.2701, 0.4924
Android (android.graphics.Color)	4278234715 (0xFF00AE5B)
YUV	112.5120, -10.6054, -98.6730
Hunter-Lab	55.7266, -42.9535, 23.0709

Details

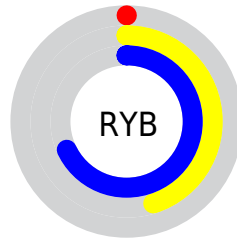
The YIQ color **112.5120, -77.0610, -62.7010** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **61.4880, 77.0610, 62.7010**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5920, -53.6790, -56.9350**, and **75.3420, -46.8030, -49.3870** is the 20% darker color. If you saturate the color by 10%, you get **112.5120, -77.0610, -62.7010**, and if you desaturate by 10%, it is **118.5070, -69.4970, -56.6090**.

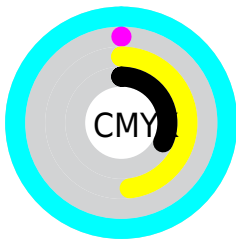
Distribution



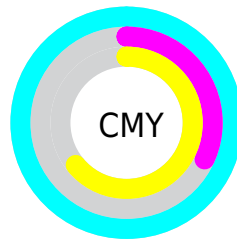
- Red (0%)
- Green (68%)
- Blue (36%)



- Red (0%)
- Yellow (45%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5120, -77.0610, -62.7010 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 112.5120, -77.0610, -62.7010 by changing the saturation by 10% instead.

■ 112.5120,
-77.0610, -62.7010

■ 112.5120,
-77.0610, -62.7010

■ 255.0000, -0.0000,
-0.0000

■ 93.8130, -61.6110,
-56.3550

■ 179.5920,
-53.6790, -56.9350

■ 75.3420, -46.8030,
-49.3870

■ 206.0270,
-50.4700, -54.5180

■ 57.2300, -31.6280,
-43.5640

■ 218.1890,
-41.5780, -39.4500

■ 40.5030, -18.9750,
-36.0870

■ 230.3510,
-32.6860, -24.3820

■ 27.5890, -12.9250,
-24.5810

■ 242.6270,
-24.1150, -9.0030

■ 9.3920, -4.4000,
-8.3680

■ 251.7110, -6.5560,

■ 0.0000, 0.0000,

-2.3320

0.0000

■ 112.5120,
-77.0610, -62.7010

■ 118.5070,
-69.4970, -56.6090

■ 124.9150,
-61.6580, -49.9940

■ 130.9100,
-54.0940, -43.9020

■ 137.2040,
-45.9340, -37.5980

■ 143.3130,
-38.6910, -31.1950

■ 149.3080,
-31.1270, -25.1030

■ 155.6020,
-22.9670, -18.7990

■ 161.5970,
-15.4030, -12.7070

■ 168.0050, -7.5640,
-6.0920

Harmonies

Analogous

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



137.4800, 14.2220, -48.5140



112.5120, -77.0610, -62.7010



121.5860, -97.1000, -46.4440

Triad

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



112.5120, -77.0610, -62.7010



121.8160, -125.3050, -3.3290



146.4540, 90.4550, 29.1990

Complementary

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



112.5120, -77.0610, -62.7010



61.4880, 77.0610, 62.7010

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.



148.2670, 75.8250, 52.0570



112.5120, -77.0610, -62.7010



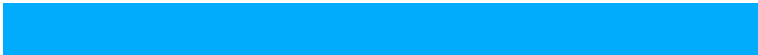
153.7090, -28.2960, 39.2560

Square

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



112.5120, -77.0610, -62.7010



129.5780, -127.8710, -11.8950



153.8880, 34.6520, 54.8440



146.2960, 83.7670, -3.7930

Rectangle

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



112.5120, -77.0610, -62.7010



126.1460, -109.9400, -34.0040



153.8880, 34.6520, 54.8440



146.1800, 88.7110, 38.7830

Sweetspot

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



112.5120, -77.0610, -62.7010



202.9060, -29.9350, -24.6790



127.2540, 2.2140, -73.1940



100.1620, -18.6120, -15.1240



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



112.5120, -77.0610, -62.7010



146.8150, -100.6240, -81.7120



120.2130, -102.8790, -35.3190



83.8530, -4.0800, -3.1520



97.0560, -66.6090, -53.8810



14.8690, -10.1770, -8.2970

Inverse Universe

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



61.4880, 77.0610, 62.7010



80.1850, 100.6240, 81.7120



53.7870, 102.8790, 35.3190



81.1470, 4.0800, 3.1520



53.0580, 66.2880, 54.1920



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 112.5120, -77.0610, -62.7010 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 112.5120, -77.0610, -62.7010 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 112.5120, -77.0610, -62.7010 Background



This preview shows how black text looks on a background with the YIQ color 112.5120, -77.0610, -62.7010.



This preview shows how white text looks on a background with the YIQ color 112.5120, -77.0610, -62.7010.

-62.7010.

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

112.5120, -77.0610, -62.7010

Protanopia

146.7330, 30.7680, -17.9680

Deuteranopia

149.8190, 36.8180, -6.4620



Tritanopia

136.2940, -62.9020, -16.4220

Trichromacy



Original Color

112.5120, -77.0610, -62.7010



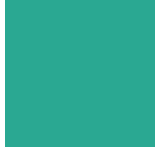
Protanomaly

134.4180, -8.4300, -34.4620



Deuteranomaly

136.2000, -4.5800, -27.1400



Tritanomaly

127.8180, -68.0340, -33.5540

Monochromacy



Original Color

112.5120, -77.0610, -62.7010



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

112.7430, -27.9180, -22.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5120, -77.0610, -62.7010 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(0, 174, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 91)  
}
```

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(0, 174, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 91) }
```

Border

The CSS property to change the border of an element to YIQ 112.5120, -77.0610, -62.7010 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(0, 174, 91) }
```


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

```
.border{ border-color:rgb(0, 174, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 174, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 112.5120, -77.0610, -62.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 91) }
```

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

```
.background{ background-color: rgb(0, 174,  
91) }
```

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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