

Converting Colors

YIQ(121.0570, -24.7920,
-68.3440)

Have a look what the booklet for
YIQ(121.0570, -24.7920, -68.3440)
contains.

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Color

**YIQ(121.0570, -24.7920,
-68.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	37AC20
RGB	55, 172, 32
RGB Percent	22%, 67%, 13%
CMY	0.7847, 0.3253, 0.8745
CMYK	0.68, 0.00, 0.81, 0.33
HSL	110°, 69%, 40%
HSV	110°, 81%, 67%
XYZ	16.5930, 30.4375, 6.3672
YIQ	121.0570, -24.7920, -68.3440

Conversions

Conversions Part 2

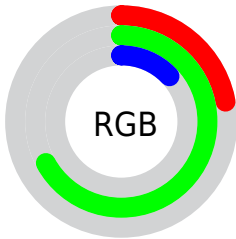
Format	Color
RYB	32, 172, 149
Decimal	3648544
CIELab	62.03, -56.89, 56.91
CIELCh	62, 80.465, 134.992
Yxy	30.4375, 0.3107, 0.5700
Android (android.graphics.Color)	4281838624 (0xFF37AC20)
YUV	121.0570, -43.9051, -57.9320
Hunter-Lab	55.1702, -42.8622, 31.7765

Details

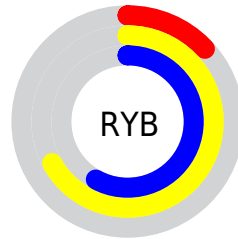
The YIQ color **121.0570, -24.7920, -68.3440** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **82.9430, 24.7920, 68.3440**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2640, -20.9410, -66.5490**, and **69.2660, -32.4500, -61.7140** is the 20% darker color. If you saturate the color by 10%, you get **114.9330, -27.6790, -76.5990**, and if you desaturate by 10%, it is **127.1810, -21.9050, -60.0890**.

Distribution



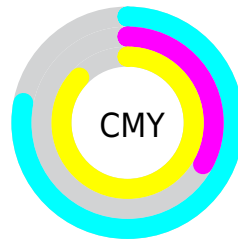
- Red (22%)
- Green (67%)
- Blue (13%)



- Red (13%)
- Yellow (67%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (81%)
- Black (33%)





- Cyan (78%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.0570, -24.7920, -68.3440 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 121.0570, -24.7920, -68.3440 by changing the saturation by 10% instead.


 121.0570,
-24.7920, -68.3440


 121.0570,
-24.7920, -68.3440


 255.0000, -0.0000,
-0.0000


 85.4140, -39.2790,
-75.6230


 179.8510,
-21.2160, -67.0720

 69.2660, -32.4500,
-61.7140


 207.1610,
-19.1530, -65.9130

 54.0040, -25.3000,
-48.1160


 219.0240,
-10.8570, -51.0570

 39.9160, -18.7000,
-35.5640

 231.0720, -1.6440,
-36.3000

 26.4150, -12.3750,
-23.5350

 243.3480, 6.9270,
-20.9210

 8.2180, -3.8500,
-7.3220

 252.0360, 8.3460,

 0.0000, 0.0000,

-8.0860

0.0000

■ 121.0570,
-24.7920, -68.3440

■ 121.0570,
-24.7920, -68.3440

■ 114.9330,
-27.6790, -76.5990

■ 127.1810,
-21.9050, -60.0890

■ 109.3360,
-30.6120, -84.0200

■ 133.6040,
-18.4220, -51.6220

■ 139.8420,
-15.8560, -43.0560

■ 145.9660,
-12.9690, -34.8010

■ 152.3890, -9.4860,
-26.3340

■ 158.5130, -6.5990,
-18.0790

■ 164.9360, -3.1160,
-9.6120

■ 171.1740, -0.5500,
-1.0460

■ 177.2980, 2.3370,
7.2090

Harmonies

Analogous

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



136.6990, 44.1620, -51.4700



121.0570, -24.7920, -68.3440



117.6130, -84.5350, -59.4070

Triad

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



121.0570, -24.7920, -68.3440



127.6860, -128.0550, -8.5590



129.0260, 95.6770, 55.7170

Complementary

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



121.0570, -24.7920, -68.3440



82.9430, 24.7920, 68.3440

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.



141.2290, 70.9610, 74.1370



121.0570, -24.7920, -68.3440



119.8550, -111.8730, 6.5510

Square

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



121.0570, -24.7920, -68.3440



133.5730, -129.4750, -15.8670



153.0760, 5.1240, 61.3480



139.9440, 109.0260, 17.5220

Rectangle

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



121.0570, -24.7920, -68.3440



124.4870, -101.1350, -44.9030



153.0760, 5.1240, 61.3480



129.3000, 89.3940, 64.9620

Sweetspot

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



121.0570, -24.7920, -68.3440



204.5030, -9.8070, -26.0230



142.5390, 51.2650, -31.5110



100.2790, -5.8200, -15.6760



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



121.0570, -24.7920, -68.3440



143.9040, -39.0440, -107.4280



119.5380, -53.5870, -58.6030



83.5820, -1.8790, -4.4950



95.5250, -26.3500, -73.1500



14.6970, -3.9410, -11.1810

Inverse Universe

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



82.9430, 24.7920, 68.3440



84.0960, 39.0440, 107.4280



84.4620, 53.5870, 58.6030



81.1190, 1.2830, 4.2830



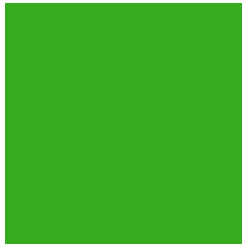
54.7740, 26.9460, 73.3620



8.3030, 3.9410, 11.1810

Previews

White Background



This preview shows how the YIQ color 121.0570, -24.7920, -68.3440 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 121.0570, -24.7920, -68.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

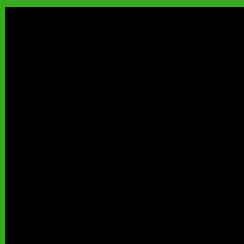
Any Text WCAG AA ✓ Pass

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 121.0570, -24.7920, -68.3440 Background



This preview shows how black text looks on a background with the YIQ color 121.0570, -24.7920, -68.3440.



This preview shows how white text looks on a background with the YIQ color 121.0570, -24.7920,

-68.3440.

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

121.0570, -24.7920, -68.3440

Protanopia

140.6590, 50.8070, -34.2250

Deuteranopia

143.8530, 56.6730, -19.3830



Tritanopia

139.9540, -47.0850, -11.2210

Trichromacy



Original Color

121.0570, -24.7920, -68.3440



Protanomaly

133.3240, 23.5290, -46.4790



Deuteranomaly

135.2740, 26.9660, -37.1780



Tritanomaly

132.9000, -38.9660, -31.7180

Monochromacy



Original Color

121.0570, -24.7920, -68.3440



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

121.3290, -9.2570, -24.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0570, -24.7920, -68.3440 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(55, 172, 32)` looks like.

```
.text, #text, p{  
    color:rgb(55, 172, 32)  
}
```

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(55, 172, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 172, 32) }
```

Border

The CSS property to change the border of an element to YIQ 121.0570, -24.7920, -68.3440 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(55, 172, 32) }
```


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

```
.border{ border-color:rgb(55, 172, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 172, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 172, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 172, 32);  
box-shadow:4px 4px 4px 4px rgb(55, 172,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0570, -24.7920, -68.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 172, 32) }
```

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

```
.background{ background-color: rgb(55, 172,  
32) }
```

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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