

Converting Colors

YIQ(127.3660, -22.1290,
-89.0810)

Have a look what the booklet for
YIQ(127.3660, -22.1290, -89.0810)
contains.

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Color

**YIQ(127.3660, -22.1290,
-89.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	33BF00
RGB	51, 191, 0
RGB Percent	20%, 75%, 0%
CMY	0.8005, 0.2507, 0.9999
CMYK	0.73, 0.00, 1.00, 0.25
HSL	104°, 100%, 37%
HSV	104°, 100%, 75%
XYZ	20.0031, 37.9879, 6.2786
YIQ	127.3660, -22.1290, -89.0810

Conversions

Conversions Part 2

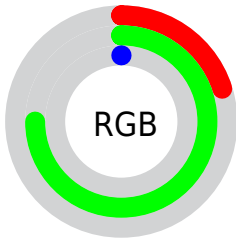
Format	Color
RYB	0, 191, 140
Decimal	3391232
CIELab	68.01, -64.71, 67.58
CIELCh	68, 93.565, 133.757
Yxy	37.9879, 0.3112, 0.5911
Android (android.graphics.Color)	4281581312 (0xFF33BF00)
YUV	127.3660, -62.7914, -66.9730
Hunter-Lab	61.6343, -49.9290, 37.1043

Details

The YIQ color **127.3660, -22.1290, -89.0810** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **63.6340, 22.1290, 89.0810**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0490, -22.3140, -80.2180**, and **79.8320, -37.4000, -71.1280** is the 20% darker color. If you saturate the color by 10%, you get **127.3660, -22.1290, -89.0810**, and if you desaturate by 10%, it is **133.7180, -19.8840, -80.2040**.

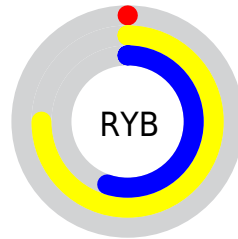
Distribution



Red (20%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (55%)

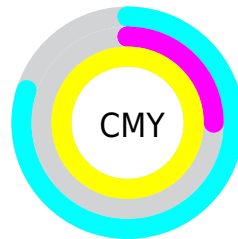


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (80%)


Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.3660, -22.1290, -89.0810 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 127.3660, -22.1290, -89.0810 by changing the saturation by 10% instead.


 127.3660,
-22.1290, -89.0810


 127.3660,
-22.1290, -89.0810


255.0000, -0.0000,
-0.0000


 95.6810, -44.8250,
-85.2490


 191.0490,
-22.3140, -80.2180


 79.8320, -37.4000,
-71.1280


 207.0320,
-14.4760, -68.0760

 63.9830, -29.9750,
-57.0070


 219.6070, -5.3090,
-52.4850

 49.3080, -23.1000,
-43.9320

 231.7690, 3.5830,
-37.4170

 34.6330, -16.2250,
-30.8570

 244.3440, 12.7500,
-21.8260

 20.5450, -9.6250,
-18.3050

 251.2380, 10.5930,

 0.0000, 0.0000,

-10.2630

0.0000

254.6580, 0.9630,
-0.9330

■ 127.3660,
-22.1290, -89.0810

■ 133.7180,
-19.8840, -80.2040

■ 140.0700,
-17.6390, -71.3270

■ 146.4220,
-15.3940, -62.4500

■ 152.7740,
-13.1490, -53.5730

■ 159.2400,
-11.2250, -44.3850

■ 165.5920, -8.9800,
-35.5080

■ 171.9440, -6.7350,
-26.6310

■ 178.2960, -4.4900,
-17.7540

■ 184.6480, -2.2450,
-8.8770

Harmonies

Analogous

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



151.1740, 49.8940, -56.2340



127.3660, -22.1290, -89.0810



129.9230, -91.6400, -68.3120

Triad

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



127.3660, -22.1290, -89.0810



140.0130, -133.8300, -19.5420



123.4640, 94.8040, 66.0360

Complementary

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



127.3660, -22.1290, -89.0810



63.6340, 22.1290, 89.0810

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.



141.8450, 63.7150, 84.3150



127.3660, -22.1290, -89.0810



124.7510, -126.6800, -5.9440

Square

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



127.3660, -22.1290, -89.0810



146.4700, -136.8550, -25.2950



164.9690, 12.7350, 61.0790



141.1180, 108.4760, 16.4760

Rectangle

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



127.3660, -22.1290, -89.0810



138.4100, -111.4040, -51.5320



164.9690, 12.7350, 61.0790



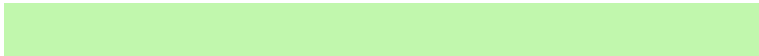
123.7210, 87.1910, 77.3590

Sweetspot

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



127.3660, -22.1290, -89.0810



222.4180, -8.4300, -34.4620



139.2890, 75.3360, -32.7280



110.0030, -5.2230, -20.9910



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



127.3660, -22.1290, -89.0810



164.7230, -28.5890, -115.1890



117.2470, -66.9700, -85.8980



90.8810, -1.2830, -4.2830



105.3040, -18.4180, -73.7300



20.5890, -3.7570, -14.5170

Inverse Universe

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



63.6340, 22.1290, 89.0810



82.5760, 29.1850, 115.4010



73.7530, 66.9700, 85.8980



88.1190, 1.2830, 4.2830



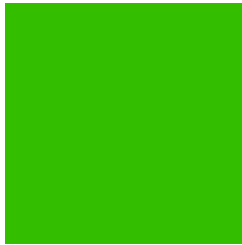
52.6960, 18.4180, 73.7300



10.1120, 3.1610, 14.3050

Previews

White Background



This preview shows how the YIQ color 127.3660, -22.1290, -89.0810 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 127.3660, -22.1290, -89.0810 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 127.3660, -22.1290, -89.0810 Background



This preview shows how black text looks on a background with the YIQ color 127.3660, -22.1290, -89.0810.



This preview shows how white text looks on a background with the YIQ color 127.3660, -22.1290, -89.0810.

-89.0810.

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

127.3660, -22.1290, -89.0810

Protanopia

152.1700, 64.8850, -47.0750

Deuteranopia

158.1390, 67.3110, -24.9530



Tritanopia

153.8820, -55.7500, -13.8780

Trichromacy



Original Color

127.3660, -22.1290, -89.0810



Protanomaly

142.8020, 33.2060, -62.1700



Deuteranomaly

147.0170, 34.5790, -48.5010



Tritanomaly

144.3520, -43.5950, -41.4430

Monochromacy



Original Color

127.3660, -22.1290, -89.0810



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

126.8850, -8.2470, -32.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3660, -22.1290, -89.0810 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(51, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 191, 0)  
}
```

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(51, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 191, 0) }
```

Border

The CSS property to change the border of an element to YIQ 127.3660, -22.1290, -89.0810 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(51, 191, 0) }
```


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

```
.border{ border-color:rgb(51, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(51, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(51, 191, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.3660, -22.1290, -89.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 191, 0) }
```

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

```
.background{ background-color: rgb(51, 191,  
0) }
```

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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