

Converting Colors

YIQ(137.5240, -84.2210,
-21.0290)

Have a look what the booklet for
YIQ(137.5240, -84.2210, -21.0290)
contains.

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Color

**YIQ(137.5240, -84.2210,
-21.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	2CAEC3
RGB	44, 174, 195
RGB Percent	17%, 68%, 76%
CMY	0.8277, 0.3174, 0.2356
CMYK	0.77, 0.11, 0.00, 0.24
HSL	188°, 63%, 47%
HSV	188°, 77%, 76%
XYZ	26.0223, 34.7631, 56.9152
YIQ	137.5240, -84.2210, -21.0290

Conversions

Conversions Part 2

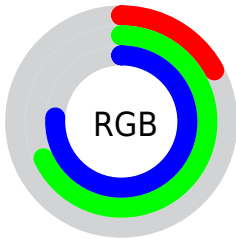
Format	Color
RYB	44, 114, 195
Decimal	2928323
CIELab	65.56, -26.90, -20.48
CIELCh	66, 33.810, 217.285
Yxy	34.7631, 0.2211, 0.2954
Android (android.graphics.Color)	4281118403 (0xFF2CAEC3)
YUV	137.5240, 28.3357, -82.0205
Hunter-Lab	58.9603, -24.3989, -15.9613

Details

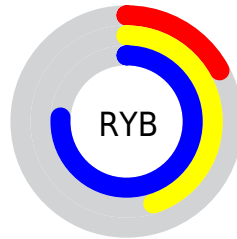
The YIQ color **137.5240, -84.2210, -21.0290** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **101.4760, 84.2210, 21.0290**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8240, -76.1980, -17.7500**, and **87.1010, -78.5360, -19.4320** is the 20% darker color. If you saturate the color by 10%, you get **129.7830, -95.3160, -23.7000**, and if you desaturate by 10%, it is **144.9660, -73.7220, -18.5700**.

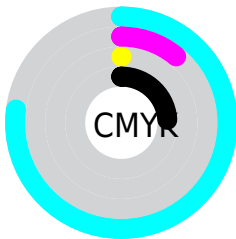
Distribution



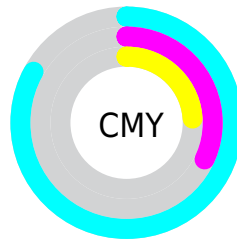
- Red (17%)
- Green (68%)
- Blue (76%)



- Red (17%)
- Yellow (45%)
- Blue (76%)



- Cyan (77%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5240, -84.2210, -21.0290 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 137.5240, -84.2210, -21.0290 by changing the saturation by 10% instead.

■ 137.5240,
-84.2210, -21.0290

■ 137.5240,
-84.2210, -21.0290

■ 255.0000, -0.0000,
-0.0000

■ 105.4410,
-94.3530, -24.6330

■ 197.7100,
-75.8770, -18.0610

■ 87.1010, -78.5360,
-19.4320

■ 222.1100,
-65.5600, -23.3200

■ 69.5760, -63.6360,
-14.1320

■ 231.0800,
-47.6800, -16.9600

■ 52.6380, -49.0110,
-9.3550

■ 240.3490,
-29.2040, -10.3880

■ 36.4010, -34.9820,
-4.7900

■ 249.3190,
-11.3240, -4.0280

■ 22.7400, -22.6950,
-1.6950

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 137.5240,
-84.2210, -21.0290

■ 137.5240,
-84.2210, -21.0290

■ 129.7830,
-95.3160, -23.7000

■ 144.9660,
-73.7220, -18.5700

■ 122.9280,
-106.0900, -26.6820

■ 152.1200,
-62.3520, -15.3760

■ 120.8460,
-108.7950, -27.2190

■ 159.5620,
-51.8530, -12.9170

■ 167.3030,
-40.7580, -10.2460

■ 174.7450,
-30.2590, -7.7870

■ 181.8990,
-18.8890, -4.5930

■ 189.3410, -8.3900,
-2.1340

■ 197.0820, 2.7050,
0.5370

■ 203.9370, 13.4790,
3.5190

Harmonies

Analogous

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



141.3720, -63.5420, -26.8540



137.5240, -84.2210, -21.0290



147.2200, -68.0850, -5.0850

Triad

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



137.5240, -84.2210, -21.0290



163.4510, 24.6160, 27.4640



156.6340, 26.7330, -16.4270

Complementary

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



137.5240, -84.2210, -21.0290



101.4760, 84.2210, 21.0290

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.



158.8200, 44.2450, -3.3950



137.5240, -84.2210, -21.0290



162.4560, 43.4150, 22.6710

Square

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



137.5240, -84.2210, -21.0290



162.7880, -4.3140, 23.1260



160.9000, 50.4320, 11.1360



152.7170, 1.3340, -24.1860

Rectangle

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



137.5240, -84.2210, -21.0290



154.1350, -48.3720, 6.6040



160.9000, 50.4320, 11.1360



157.1620, 34.1140, -12.5260

Sweetspot

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



137.5240, -84.2210, -21.0290



229.9620, -32.3680, -8.1120



134.9170, -47.9450, -72.7530



114.3010, -20.0810, -5.0170



0.0000, 0.0000, 0.0000



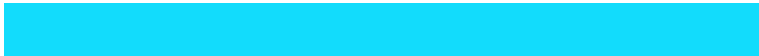
128.0000, -0.0000, -0.0000

Same Dimension

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



137.5240, -84.2210, -21.0290



163.2500, -130.6640, -32.8720



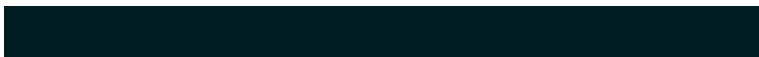
93.4990, -63.5960, 18.1960



93.4230, -5.6850, -1.5970



99.3600, -89.6310, -22.1030



20.7850, -18.5680, -4.9040

Inverse Universe

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



103.9690, 48.2660, 72.4420



110.9940, 74.6220, 112.4300



145.5010, 63.5960, -18.1960



91.0160, 3.0710, 4.9190



63.8710, 51.6580, 77.0500



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 137.5240, -84.2210, -21.0290 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 137.5240, -84.2210, -21.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

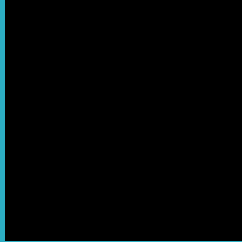
Any Text WCAG AA ✓ Pass

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 137.5240, -84.2210, -21.0290 Background



This preview shows how black text looks on a background with the YIQ color 137.5240, -84.2210, -21.0290.



This preview shows how white text looks on a background with the YIQ color 137.5240, -84.2210, -21.0290.

-21.0290.

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

137.5240, -84.2210, -21.0290

Protanopia

158.7680, -10.7300, 7.2380

Deuteranopia

159.1190, -15.9120, 13.0480



Tritanopia

135.9320, -85.5500, -24.4780

Trichromacy



Original Color

137.5240, -84.2210, -21.0290

Protanomaly

150.7860, -37.5040, -3.1360

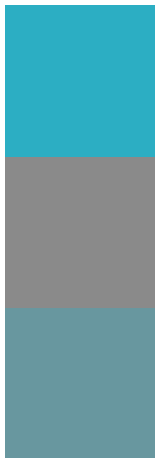
Deuteranomaly

151.4530, -40.7600, 0.8080

Tritanomaly

136.7580, -85.0000, -23.4320

Monochromacy



Original Color

137.5240, -84.2210, -21.0290

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8590, -30.5800, -7.4760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5240, -84.2210, -21.0290 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(44, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(44, 174, 195)  
}
```

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(44, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 174, 195) }
```

Border

The CSS property to change the border of an element to YIQ 137.5240, -84.2210, -21.0290 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(44, 174, 195) }
```


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

```
.border{ border-color:rgb(44, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(44, 174,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5240, -84.2210, -21.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 174, 195) }
```

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

```
.background{ background-color: rgb(44, 174,  
195) }
```

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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