

Converting Colors

YIQ(152.6370, -75.9150,
-61.4430)

Have a look what the booklet for
YIQ(152.6370, -75.9150, -61.4430)
contains.

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Color

**YIQ(152.6370, -75.9150,
-61.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD584
RGB	42, 213, 132
RGB Percent	16%, 84%, 52%
CMY	0.8357, 0.1644, 0.4826
CMYK	0.80, 0.00, 0.38, 0.16
HSL	152°, 67%, 50%
HSV	152°, 80%, 84%
XYZ	28.9231, 49.7786, 29.8918
YIQ	152.6370, -75.9150, -61.4430

Conversions

Conversions Part 2

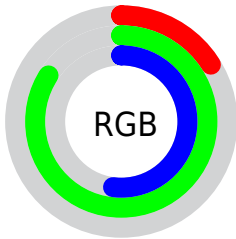
Format	Color
RYB	42, 154, 213
Decimal	2807172
CIELab	75.93, -59.95, 28.52
CIELCh	76, 66.392, 154.560
Yxy	49.7786, 0.2663, 0.4584
Android (android.graphics.Color)	4280997252 (0xFF2AD584)
YUV	152.6370, -10.1740, -97.0286
Hunter-Lab	70.5540, -50.2947, 24.2682

Details

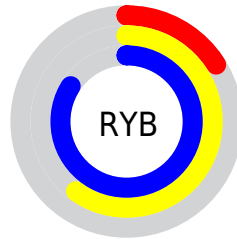
The YIQ color **152.6370, -75.9150, -61.4430** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **102.3630, 75.9150, 61.4430**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5730, -60.6950, -50.9270**, and **101.5070, -69.4970, -56.6090** is the 20% darker color. If you saturate the color by 10%, you get **145.2180, -85.2210, -69.0050**, and if you desaturate by 10%, it is **160.0560, -66.6090, -53.8810**.

Distribution



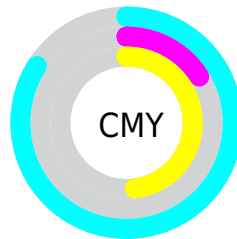
- Red (16%)
- Green (84%)
- Blue (52%)



- Red (16%)
- Yellow (60%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.6370, -75.9150, -61.4430 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 152.6370, -75.9150, -61.4430 by changing the saturation by 10% instead.

■ 152.6370,
-75.9150, -61.4430

■ 152.6370,
-75.9150, -61.4430

■ 255.0000, -0.0000,
-0.0000

■ 120.6790,
-84.9010, -63.7890

■ 205.5730,
-60.6950, -50.9270

■ 101.3930,
-69.1760, -56.9200

■ 218.3330,
-50.6110, -35.4350

■ 82.9220, -54.3680,
-49.9520

■ 230.7940,
-41.1230, -20.1550

■ 64.9240, -39.5140,
-43.8180

■ 241.2460,
-27.4160, -9.7520

■ 46.9260, -24.6600,
-37.6840

■ 250.5150, -8.9400,
-3.1800

■ 31.6980, -14.8500,
-28.2420

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 152.6370,
-75.9150, -61.4430

■ 152.6370,
-75.9150, -61.4430

■ 145.2180,
-85.2210, -69.0050

■ 160.0560,
-66.6090, -53.8810

■ 137.7990,
-94.5270, -76.5670

■ 167.7740,
-56.7070, -46.1070

■ 175.1930,
-47.4010, -38.5450

■ 182.6120,
-38.0950, -30.9830

■ 190.0310,
-28.7890, -23.4210

■ 197.8630,
-19.2080, -15.3360

■ 205.2820, -9.9020,
-7.7740

■ 212.7010, -0.5960,
-0.2120

■ 220.4190, 9.3060,
7.5620

Harmonies

Analogous

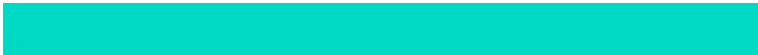
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.4190, 7.0240, -50.2240



152.6370, -75.9150, -61.4430



149.6090, -122.2700, -52.8460

Triad

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



152.6370, -75.9150, -61.4430



161.8180, -93.2560, -5.9600



172.8060, 74.3640, 17.9480

Complementary

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



152.6370, -75.9150, -61.4430



102.3630, 75.9150, 61.4430

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.



173.6620, 58.1750, 41.5270



152.6370, -75.9150, -61.4430



187.4970, -7.3880, 34.7880

Square

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



152.6370, -75.9150, -61.4430



150.5790, -138.7800, -28.9560



187.0730, 35.5690, 54.7450



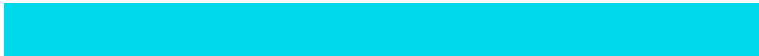
181.5360, 82.8510, -9.2210

Rectangle

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



152.6370, -75.9150, -61.4430



154.2830, -135.4310, -40.0950



187.0730, 35.5690, 54.7450



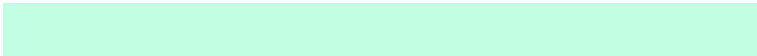
172.0370, 69.6400, 26.4720

Sweetspot

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



152.6370, -75.9150, -61.4430



233.4550, -27.0470, -21.9510



167.1940, 2.4430, -71.8370



114.8850, -16.2740, -13.4420



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.



152.6370, -75.9150, -61.4430



168.5210, -108.7840, -88.0160



160.1100, -101.0910, -34.6830



103.1410, -4.9510, -3.8870



110.6370, -75.9150, -61.4430



27.8630, -19.2080, -15.3360

Inverse Universe

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



102.3630, 75.9150, 61.4430



96.4790, 108.7840, 88.0160



94.8900, 101.0910, 34.6830



99.8590, 4.9510, 3.8870



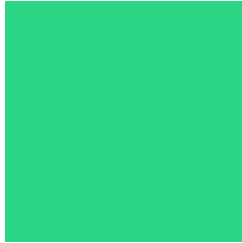
60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470

Previews

White Background



This preview shows how the YIQ color 152.6370, -75.9150, -61.4430 looks on a white background.

Color Contrast Check

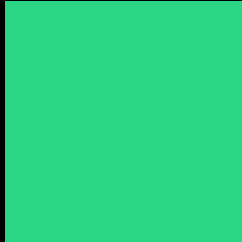
Large Text (above 18pt) WCAG AA × Fail

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 152.6370, -75.9150, -61.4430 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 152.6370, -75.9150, -61.4430 Background



This preview shows how black text looks on a background with the YIQ color 152.6370, -75.9150, -61.4430.



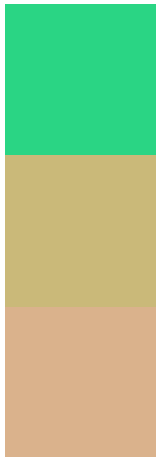
This preview shows how white text looks on a background with the YIQ color 152.6370, -75.9150, -61.4430.

-61.4430.

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

152.6370, -75.9150, -61.4430

Protanopia

182.7870, 30.6760, -16.3000

Deuteranopia

185.6280, 36.0380, -3.3380



Tritanopia

169.5420, -75.4640, -20.0400

Trichromacy



Original Color

152.6370, -75.9150, -61.4430



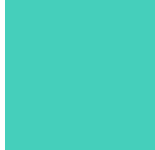
Protanomaly

171.7710, -7.9260, -32.5820



Deuteranomaly

173.7810, -4.7180, -24.6380



Tritanomaly

163.4580, -75.8280, -35.4760

Monochromacy



Original Color

152.6370, -75.9150, -61.4430



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0420, -27.3220, -22.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6370, -75.9150, -61.4430 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(42, 213, 132)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 132)  
}
```

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(42, 213, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 132) }
```

Border

The CSS property to change the border of an element to YIQ 152.6370, -75.9150, -61.4430 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(42, 213, 132) }
```


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

```
.border{ border-color:rgb(42, 213, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 132);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6370, -75.9150, -61.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 132) }
```

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

```
.background{ background-color: rgb(42, 213,  
132) }
```

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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