

Converting Colors

YIQ(137.6620, -93.1170,
-13.9890)

Have a look what the booklet for
YIQ(137.6620, -93.1170, -13.9890)
contains.

YIQ(137.6620, -93.1170, -13.9890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(137.6620, -93.1170,
-13.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	28ACD9
RGB	40, 172, 217
RGB Percent	16%, 67%, 85%
CMY	0.8434, 0.3253, 0.1494
CMYK	0.82, 0.21, 0.00, 0.15
HSL	195°, 70%, 50%
HSV	195°, 82%, 85%
XYZ	28.1463, 34.9803, 70.8437
YIQ	137.6620, -93.1170, -13.9890

Conversions

Conversions Part 2

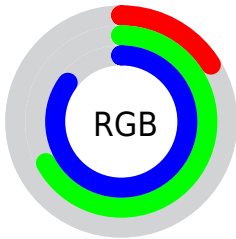
Format	Color
RYB	40, 116, 217
Decimal	2665689
CIELab	65.73, -19.03, -32.39
CIELCh	66, 37.561, 239.564
Yxy	34.9803, 0.2101, 0.2611
Android (android.graphics.Color)	4280855769 (0xFF28ACD9)
YUV	137.6620, 39.1136, -85.6496
Hunter-Lab	59.1441, -18.5552, -29.6176

Details

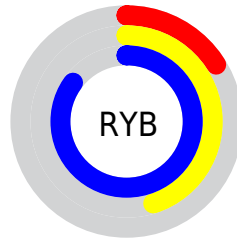
The YIQ color **137.6620, -93.1170, -13.9890** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **119.3380, 93.1170, 13.9890**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0030, -75.1440, -14.8240**, and **88.9080, -85.0020, -12.3780** is the 20% darker color. If you saturate the color by 10%, you get **128.1490, -104.8540, -16.0380**, and if you desaturate by 10%, it is **147.7620, -81.6550, -12.4630**.

Distribution



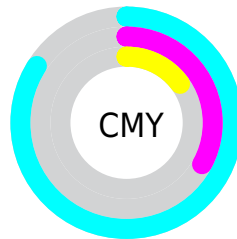
- Red (16%)
- Green (67%)
- Blue (85%)



- Red (16%)
- Yellow (45%)
- Blue (85%)



- Cyan (82%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6620, -93.1170, -13.9890 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 137.6620, -93.1170, -13.9890 by changing the saturation by 10% instead.

■ 137.6620,
-93.1170, -13.9890

■ 137.6620,
-93.1170, -13.9890

■ 255.0000, -0.0000,
-0.0000

■ 106.6610,
-100.5440, -17.0560

■ 197.5900,
-75.4190, -15.3470

■ 88.9080, -85.0020,
-12.3780

■ 222.7080,
-64.3680, -22.8960

■ 71.1550, -69.4600,
-7.7000

■ 231.9770,
-45.8920, -16.3240

■ 54.2170, -54.8350,
-2.9230

■ 241.2460,
-27.4160, -9.7520

■ 37.8660, -40.4850,
1.3310

■ 250.2160, -9.5360,
-3.3920

■ 24.0910, -27.8770,
4.1150

■ 6.3210, -13.6650,

10.8710

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 137.6620,
-93.1170, -13.9890

■ 137.6620,
-93.1170, -13.9890

■ 128.1490,
-104.8540, -16.0380

■ 147.7620,
-81.6550, -12.4630

■ 119.8320,
-114.2070, -17.2390

■ 156.9760,
-70.5140, -10.6260

■ 167.0760,
-59.0520, -9.1000

■ 176.5890,
-47.3150, -7.0510

■ 186.3900,
-36.4490, -5.7370

■ 195.9030,
-24.7120, -3.6880

■ 206.0030,
-13.2500, -2.1620

■ 215.2170, -2.1090,
-0.3250

■ 225.3170, 9.3530,
1.2010

Harmonies

Analogous

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



125.7870, -110.3070, -32.8590



137.6620, -93.1170, -13.9890



153.8510, -53.3240, 8.2440

Triad

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



137.6620, -93.1170, -13.9890



162.8030, 44.0560, 27.5760



153.9690, 9.3120, -25.6000

Complementary

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



137.6620, -93.1170, -13.9890



119.3380, 93.1170, 13.9890

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.



157.0650, 35.7650, -14.9150



137.6620, -93.1170, -13.9890



161.4000, 55.0160, 16.1680

Square

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



137.6620, -93.1170, -13.9890



163.8080, 19.2970, 30.2490



159.9350, 51.3510, -0.0170



148.2670, -23.8820, -29.7540

Rectangle

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



137.6620, -93.1170, -13.9890



160.0610, -27.1920, 19.2400



159.9350, 51.3510, -0.0170



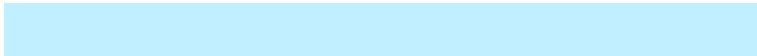
155.2260, 18.8940, -23.0420

Sweetspot

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



137.6620, -93.1170, -13.9890



227.3690, -31.9560, -4.5640



148.9150, -62.7990, -78.8870



111.0670, -19.3020, -2.6140



0.0000, 0.0000, 0.0000



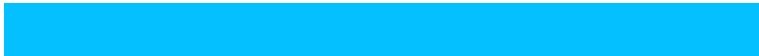
128.0000, -0.0000, -0.0000

Same Dimension

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



137.6620, -93.1170, -13.9890



143.2690, -131.6750, -20.0510



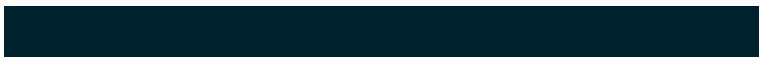
86.0060, -68.9170, 32.0350



104.9500, -5.7310, -0.7630



95.4450, -91.0080, -13.6640



25.2020, -24.1160, -3.4760

Inverse Universe

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



107.9710, 63.1200, 78.5760



101.0680, 88.9730, 111.1570



170.9940, 68.9170, -32.0350



103.2010, 3.9880, 4.8200



66.4330, 61.6990, 76.7950



17.6300, 16.5020, 20.3260

Previews

White Background



This preview shows how the YIQ color 137.6620, -93.1170, -13.9890 looks on a white background.

Color Contrast Check

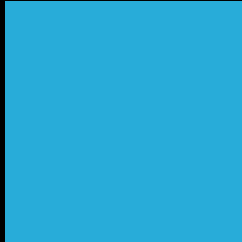
Large Text (above 18pt) WCAG AA × Fail

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 137.6620, -93.1170, -13.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

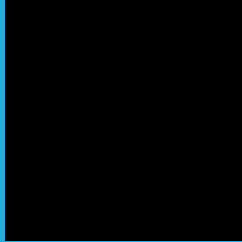
Any Text WCAG AA ✓ Pass

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 137.6620, -93.1170, -13.9890 Background



This preview shows how black text looks on a background with the YIQ color 137.6620, -93.1170, -13.9890.



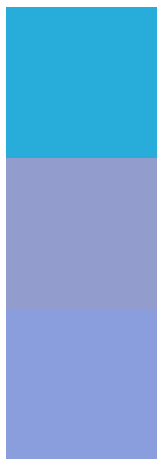
This preview shows how white text looks on a background with the YIQ color 137.6620, -93.1170, -13.9890.

-13.9890.

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

137.6620, -93.1170, -13.9890

Protanopia

159.1830, -21.9640, 12.5960

Deuteranopia

158.5010, -31.5470, 15.5650



Tritanopia

124.9720, -109.3900, -32.9580

Trichromacy



Original Color

137.6620, -93.1170, -13.9890

Protanomaly

150.9130, -47.8670, 2.9570

Deuteranomaly

150.5580, -54.0570, 5.0070

Tritanomaly

130.0100, -103.3850, -26.1450

Monochromacy



Original Color

137.6620, -93.1170, -13.9890

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.5860, -34.0650, -4.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6620, -93.1170, -13.9890 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(40, 172, 217)` looks like.

```
.text, #text, p{  
    color:rgb(40, 172, 217)  
}
```

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(40, 172, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 172, 217) }
```

Border

The CSS property to change the border of an element to YIQ 137.6620, -93.1170, -13.9890 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(40, 172, 217) }
```


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

```
.border{ border-color:rgb(40, 172, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 172, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 172, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 172, 217);  
box-shadow:4px 4px 4px 4px rgb(40, 172,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6620, -93.1170, -13.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 172, 217) }
```

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

```
.background{ background-color: rgb(40, 172,  
217) }
```

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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