

Converting Colors

YIQ(172.4630, -91.4190,
-22.7390)

Have a look what the booklet for
YIQ(172.4630, -91.4190, -22.7390)
contains.

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Color

**YIQ(172.4630, -91.4190,
-22.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	47D4EB
RGB	71, 212, 235
RGB Percent	28%, 83%, 92%
CMY	0.7218, 0.1684, 0.0788
CMYK	0.70, 0.10, 0.00, 0.08
HSL	188°, 80%, 60%
HSV	188°, 70%, 92%
XYZ	41.1322, 54.4457, 86.8649
YIQ	172.4630, -91.4190, -22.7390

Conversions

Conversions Part 2

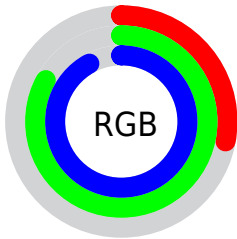
Format	Color
RYB	71, 147, 235
Decimal	4707563
CIELab	78.72, -30.08, -22.18
CIELCh	79, 37.376, 216.401
Yxy	54.4457, 0.2255, 0.2984
Android (android.graphics.Color)	4282897643 (0xFF47D4EB)
YUV	172.4630, 30.8307, -88.9831
Hunter-Lab	73.7873, -29.6242, -18.1471

Details

The YIQ color **172.4630, -91.4190, -22.7390** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **133.5370, 91.4190, 22.7390**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.3160, -69.1360, -24.5920**, and **112.5650, -100.6340, -26.4420** is the 20% darker color. If you saturate the color by 10%, you get **163.5260, -104.8980, -26.2580**, and if you desaturate by 10%, it is **181.1010, -78.5360, -19.4320**.

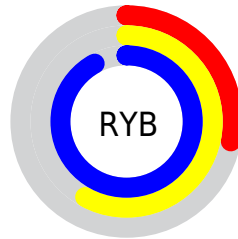
Distribution



Red (28%)

Green (83%)

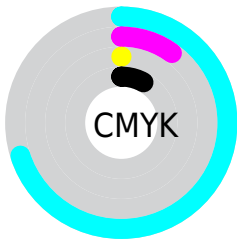
Blue (92%)



Red (28%)

Yellow (58%)

Blue (92%)

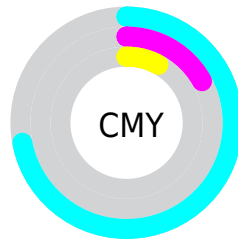


Cyan (70%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4630, -91.4190, -22.7390 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 172.4630, -91.4190, -22.7390 by changing the saturation by 10% instead.

172.4630,
-91.4190, -22.7390

172.4630,
-91.4190, -22.7390

255.0000, -0.0000,
-0.0000

136.3900,
-107.5110, -28.4630

220.3160,
-69.1360, -24.5920

112.5650,
-100.6340, -26.4420

229.5850,
-50.6600, -18.0200

94.2250, -84.8170,
-21.2410

238.8540,
-32.1840, -11.4480

75.9990, -69.3210,
-15.7290

248.1230,
-13.7080, -4.8760

59.0610, -54.6960,
-10.9520

42.2370, -40.3920,
-5.8640

27.2880, -27.2340,

-2.0340

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 172.4630,
-91.4190, -22.7390

■ 172.4630,
-91.4190, -22.7390

■ 163.5260,
-104.8980, -26.2580

■ 181.1010,
-78.5360, -19.4320

■ 154.8880,
-117.7810, -29.5650

■ 190.6250,
-65.3320, -16.4360

■ 145.3640,
-130.9850, -32.5610

■ 199.2630,
-52.4490, -13.1290

■ 208.2000,
-38.9700, -9.6100

■ 216.8380,
-26.0870, -6.3030

■ 226.3620,
-12.8830, -3.3070

■ 235.0000, 0.0000,
-0.0000

■ 242.7410, 11.0950,
2.6710

■ 245.0890, 9.9950,
0.5790

Harmonies

Analogous

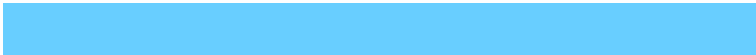
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.7410, -69.1350, -30.1190



172.4630, -91.4190, -22.7390



181.0880, -76.5210, -6.3850

Triad

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



172.4630, -91.4190, -22.7390



199.6410, 27.1370, 31.3370



191.8040, 32.0060, -18.3780

Complementary

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



172.4630, -91.4190, -22.7390



133.5370, 91.4190, 22.7390

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.



194.8270, 51.5350, -3.3530



172.4630, -91.4190, -22.7390



196.4070, 45.1110, 24.9750

Square

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



172.4630, -91.4190, -22.7390



198.5260, -6.3320, 26.6600



195.4660, 54.6500, 11.7860



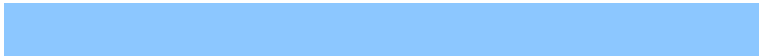
188.0930, 3.0310, -27.4090

Rectangle

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



172.4630, -91.4190, -22.7390



187.7430, -53.1400, 4.9080



195.4660, 54.6500, 11.7860



192.7450, 39.6620, -13.9540

Sweetspot

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



172.4630, -91.4190, -22.7390



234.7450, -30.2590, -7.7870



169.7760, -52.1620, -78.9300



115.4970, -17.6970, -4.1690



0.0000, 0.0000, 0.0000



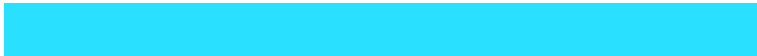
128.0000, -0.0000, -0.0000

Same Dimension

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



172.4630, -91.4190, -22.7390



173.4040, -119.2940, -29.6780



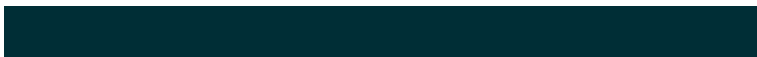
124.9160, -69.1440, 19.6240



113.1240, -6.2810, -1.8090



112.2060, -101.0010, -25.2970



33.1580, -29.9840, -7.2640

Inverse Universe

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



136.1100, 52.4830, 78.6190



125.9620, 68.4800, 102.5920



181.0840, 69.1440, -19.6240



110.4290, 3.3460, 5.4420



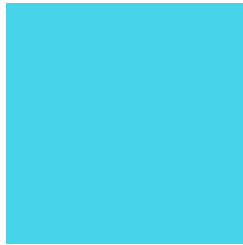
71.9030, 57.8000, 86.8880



21.3900, 17.4180, 25.7540

Previews

White Background



This preview shows how the YIQ color 172.4630, -91.4190, -22.7390 looks on a white background.

Color Contrast Check

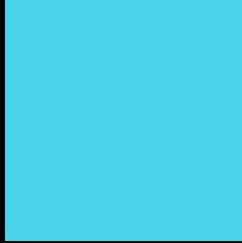
Large Text (above 18pt) WCAG AA × Fail

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 172.4630, -91.4190, -22.7390 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 172.4630, -91.4190, -22.7390 Background



This preview shows how black text looks on a background with the YIQ color 172.4630, -91.4190, -22.7390.



This preview shows how white text looks on a background with the YIQ color 172.4630, -91.4190, -22.7390.

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

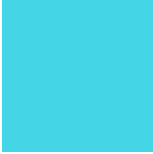
172.4630, -91.4190, -22.7390

Protanopia

194.1100, -11.6930, 8.1710

Deuteranopia

194.5150, -16.9670, 15.6490



Tritanopia

171.5830, -91.8770, -25.4530

Trichromacy



Original Color

172.4630, -91.4190, -22.7390

Protanomaly

185.9320, -40.8510, -3.0510

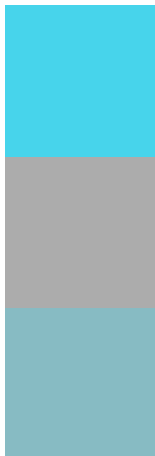
Deuteranomaly

186.1260, -44.1530, 1.7270

Tritanomaly

172.1100, -91.9230, -24.6190

Monochromacy



Original Color

172.4630, -91.4190, -22.7390

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3640, -33.5600, -8.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4630, -91.4190, -22.7390 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(71, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 212, 235)  
}
```

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(71, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 212, 235) }
```

Border

The CSS property to change the border of an element to YIQ 172.4630, -91.4190, -22.7390 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(71, 212, 235) }
```


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

```
.border{ border-color:rgb(71, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 212,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4630, -91.4190, -22.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 212, 235) }
```

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

```
.background{ background-color: rgb(71, 212,  
235) }
```

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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