

Converting Colors

YIQ(170.0020, -47.0400,
-6.5280)

Have a look what the booklet for
YIQ(170.0020, -47.0400, -6.5280)
contains.

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Color

**YIQ(170.0020, -47.0400,
-6.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	79BBD3
RGB	121, 187, 211
RGB Percent	47%, 73%, 83%
CMY	0.5256, 0.2665, 0.1727
CMYK	0.43, 0.11, 0.00, 0.17
HSL	196°, 51%, 65%
HSV	196°, 43%, 83%
XYZ	37.4076, 44.3153, 68.1757
YIQ	170.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

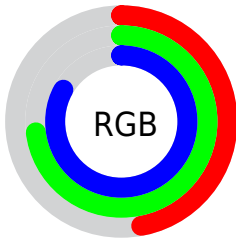
Format	Color
RYB	121, 159, 211
Decimal	7977939
CIELab	72.44, -14.78, -18.62
CIElCh	72, 23.775, 231.554
Yxy	44.3153, 0.2496, 0.2956
Android (android.graphics.Color)	4286168019 (0xFF79BBD3)
YUV	170.0020, 20.2120, -42.9748
Hunter-Lab	66.5697, -16.1923, -14.1216

Details

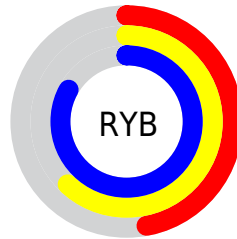
The YIQ color **170.0020, -47.0400, -6.5280** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.9980, 47.0400, 6.5280**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6340, -43.1880, -10.2600**, and **115.8770, -48.1860, -7.7860** is the 20% darker color. If you saturate the color by 10%, you get **160.2010, -57.9060, -7.8420**, and if you desaturate by 10%, it is **179.8030, -36.1740, -5.2140**.

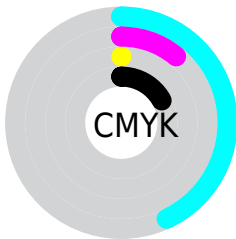
Distribution



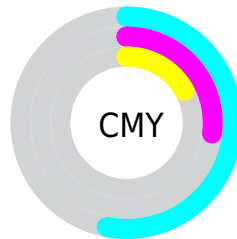
- Red (47%)
- Green (73%)
- Blue (83%)



- Red (47%)
- Yellow (62%)
- Blue (83%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.0020, -47.0400, -6.5280 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 170.0020, -47.0400, -6.5280 by changing the saturation by 10% instead.

■ 170.0020,
-47.0400, -6.5280

■ 170.0020,
-47.0400, -6.5280

■ 255.0000, -0.0000,
-0.0000

■ 142.5890,
-47.3150, -7.0510

■ 224.6340,
-43.1880, -10.2600

■ 115.8770,
-48.1860, -7.7860

■ 240.3490,
-29.2040, -10.3880

■ 88.6810, -50.5700,
-8.6340

■ 249.0200,
-11.9200, -4.2400

■ 61.2780, -56.8050,
-11.2770

■ 45.0410, -42.7760,
-6.7120

■ 29.5050, -29.3430,
-2.3590

■ 14.0830, -16.2310,

2.3050

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 170.0020,
-47.0400, -6.5280

■ 170.0020,
-47.0400, -6.5280

■ 160.2010,
-57.9060, -7.8420

■ 179.8030,
-36.1740, -5.2140

■ 150.9870,
-69.0470, -9.6790

■ 189.0170,
-25.0330, -3.3770

■ 141.1860,
-79.9130, -10.9930

■ 198.8180,
-14.1670, -2.0630

■ 131.9720,
-91.0540, -12.8300

■ 208.0320, -3.0260,
-0.2260

■ 121.8720,
-102.5160, -14.3560

■ 217.8330, 7.8400,
1.0880

■ 115.0390,
-110.3560, -15.4440

■ 227.9330, 19.3020,
2.6140

■ 232.9610, 22.0990,
1.4830

■ 236.4830, 20.4490,
-1.6550

■ 239.4180, 19.0740,
-4.2700

Harmonies

Analogous

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



168.2160, -45.0670, -14.7550



170.0020, -47.0400, -6.5280



174.6710, -35.4420, 3.5500

Triad

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



170.0020, -47.0400, -6.5280



181.6540, 25.1220, 18.2900



174.7880, 11.7400, -14.5320

Complementary

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



170.0020, -47.0400, -6.5280



161.9980, 47.0400, 6.5280

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.



177.3280, 28.0150, -6.6170



170.0020, -47.0400, -6.5280



180.6410, 35.1640, 12.5080

Square

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



170.0020, -47.0400, -6.5280



181.1990, 7.4700, 18.8140



179.0290, 36.5870, 3.2350



172.3170, -8.9830, -18.9270

Rectangle

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



170.0020, -47.0400, -6.5280



177.7160, -22.1470, 10.4050



179.0290, 36.5870, 3.2350



175.7780, 17.7000, -12.4120

Sweetspot

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



170.0020, -47.0400, -6.5280



239.8500, -17.1930, -2.2890



176.3380, -31.8120, -40.2280



118.1990, -10.8660, -1.3140



0.0000, 0.0000, 0.0000



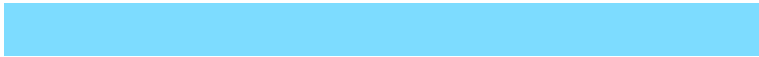
128.0000, -0.0000, -0.0000

Same Dimension

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



170.0020, -47.0400, -6.5280



195.5850, -67.8550, -9.2550



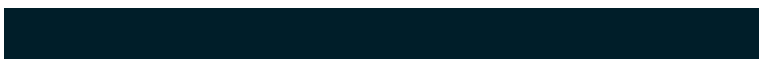
144.1740, -34.9400, 16.4840



99.9500, -5.7310, -0.7630



91.9400, -88.0280, -12.6040



22.2840, -21.4110, -2.9390

Inverse Universe

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



155.4340, 32.4540, 39.6060



174.7000, 46.9850, 57.1050



187.2390, 35.2150, -15.9610



98.2010, 3.9880, 4.8200



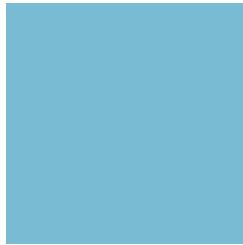
64.3680, 60.3240, 74.1800



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 170.0020, -47.0400, -6.5280 looks on a white background.

Color Contrast Check

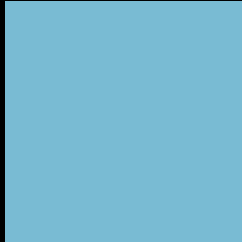
Large Text (above 18pt) WCAG AA × Fail

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 170.0020, -47.0400, -6.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

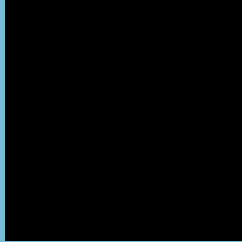
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.0020, -47.0400, -6.5280

Background



This preview shows how black text looks on a background with the YIQ color 170.0020, -47.0400, -6.5280.



This preview shows how white text looks on a background with the YIQ color 170.0020, -47.0400, -6.5280.

-6.5280.

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

170.0020, -47.0400, -6.5280

Protanopia

177.2950, -10.7760, 8.0720

Deuteranopia

178.5710, -11.3730, 13.3870



Tritanopia

169.0790, -45.9390, -9.9630

Trichromacy



Original Color

170.0020, -47.0400, -6.5280

Protanomaly

174.3040, -24.1630, 2.8850

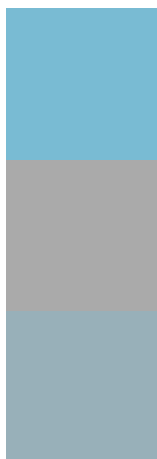
Deuteranomaly

175.4120, -24.3470, 6.2210

Tritanomaly

169.7200, -46.3060, -8.8180

Monochromacy



Original Color

170.0020, -47.0400, -6.5280

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8500, -17.1930, -2.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0020, -47.0400, -6.5280 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(121, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 211)  
}
```

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(121, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 211) }
```

Border

The CSS property to change the border of an element to YIQ 170.0020, -47.0400, -6.5280 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(121, 187, 211) }
```


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

```
.border{ border-color:rgb(121, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(121, 187,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0020, -47.0400, -6.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 187, 211) }
```

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

```
.background{ background-color: rgb(121,  
187, 211) }
```

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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