

Converting Colors

YIQ(167.7220, -40.6200,
-12.7480)

Have a look what the booklet for
YIQ(167.7220, -40.6200, -12.7480)
contains.

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Color

**YIQ(167.7220, -40.6200,
-12.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	79BBBF
RGB	121, 187, 191
RGB Percent	47%, 73%, 75%
CMY	0.5256, 0.2665, 0.2511
CMYK	0.37, 0.02, 0.00, 0.25
HSL	183°, 35%, 61%
HSV	183°, 37%, 75%
XYZ	35.0552, 43.3743, 55.7905
YIQ	167.7220, -40.6200, -12.7480

Conversions

Conversions Part 2

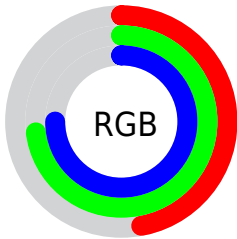
Format	Color
R_{YB}	121, 155, 191
Decimal	7977919
CIE _{Lab}	71.81, -19.91, -8.65
CIE _{LCh}	72, 21.710, 203.472
Yxy	43.3743, 0.2612, 0.3232
Android (android.graphics.Color)	4286167999 (0xFF79BBBF)
YUV	167.7220, 11.4761, -40.9752
Hunter-Lab	65.8591, -20.2423, -4.1243

Details

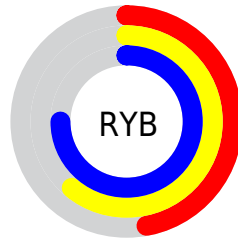
The YIQ color **167.7220, -40.6200, -12.7480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **144.2780, 40.6200, 12.7480**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.4230, -41.2160, -12.9600**, and **114.4230, -41.2160, -12.9600** is the 20% darker color. If you saturate the color by 10%, you get **161.4540, -51.6690, -16.2530**, and if you desaturate by 10%, it is **173.9900, -29.5710, -9.2430**.

Distribution



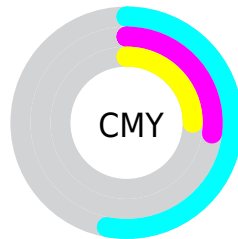
- Red (47%)
- Green (73%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.7220, -40.6200, -12.7480 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 167.7220, -40.6200, -12.7480 by changing the saturation by 10% instead.

■ 167.7220,
-40.6200, -12.7480

■ 167.7220,
-40.6200, -12.7480

■ 255.0000, -0.0000,
-0.0000

■ 140.7220,
-40.6200, -12.7480

■ 223.4230,
-41.2160, -12.9600

■ 114.4230,
-41.2160, -12.9600

■ 239.7510,
-30.3960, -10.8120

■ 87.8250, -42.4080,
-13.3840

■ 248.4220,
-13.1120, -4.6640

■ 59.3400, -51.3480,
-16.5640

■ 42.6300, -37.3650,
-11.1650

■ 27.2080, -24.2530,
-6.5010

■ 10.1390, -10.6370,

0.0430

■ 0.0000, 0.0000,
0.0000

■ 167.7220,
-40.6200, -12.7480

■ 167.7220,
-40.6200, -12.7480

■ 161.4540,
-51.6690, -16.2530

■ 173.9900,
-29.5710, -9.2430

■ 155.1860,
-62.7180, -19.7580

■ 180.2580,
-18.5220, -5.7380

■ 148.9180,
-73.7670, -23.2630

■ 186.5260, -7.4730,
-2.2330

■ 142.6500,
-84.8160, -26.7680

■ 192.7940, 3.5760,
1.2720

■ 136.0830,
-96.4610, -30.4850

■ 199.0620, 14.6250,
4.7770

■ 129.8150,
-107.5100, -33.9900

■ 205.6290, 26.2700,
8.4940

■ 127.4340,
-110.8110, -34.7390

■ 212.4840, 37.0440,
11.4760

■ 213.0710, 36.7690,
10.9530

■ 213.6580, 36.4940,
10.4300

Harmonies

Analogous

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



168.7310, -27.6440, -16.6360



167.7220, -40.6200, -12.7480



169.2800, -41.9510, -5.1430

Triad

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



167.7220, -40.6200, -12.7480



179.4440, 8.1580, 17.3580



175.4740, 24.6680, -6.5320

Complementary

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



167.7220, -40.6200, -12.7480



144.2780, 40.6200, 12.7480

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.



177.3490, 32.6900, 2.2740



167.7220, -40.6200, -12.7480



179.4150, 24.2970, 16.7210

Square

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



167.7220, -40.6200, -12.7480



177.1580, -11.6480, 12.8640



178.9180, 32.8260, 10.8260



173.5320, 9.5850, -14.0230

Rectangle

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



167.7220, -40.6200, -12.7480



172.0900, -35.3040, 1.0480



178.9180, 32.8260, 10.8260



176.2080, 28.4730, -3.9030

Sweetspot

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



167.7220, -40.6200, -12.7480



238.3400, -15.8170, -5.2010



162.4320, -20.2130, -35.6770



119.6290, -9.2610, -2.8690



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



167.7220, -40.6200, -12.7480



211.1860, -62.7180, -19.7580



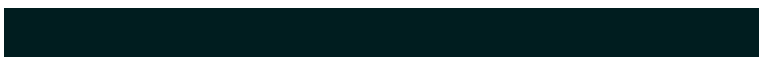
147.1770, -30.9950, 5.5570



91.3090, -5.3640, -1.9080



105.4750, -91.6930, -28.7890



20.5570, -17.9260, -5.5260

Inverse Universe

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



149.4540, 20.5340, 35.3660



182.9200, 31.6260, 54.6180



164.2360, 31.2700, -5.0340



88.7170, 2.4750, 4.7070



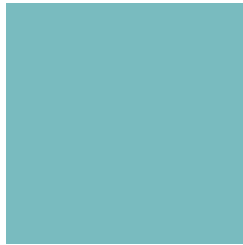
64.2280, 46.3390, 79.8350



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 167.7220, -40.6200, -12.7480 looks on a white background.

Color Contrast Check

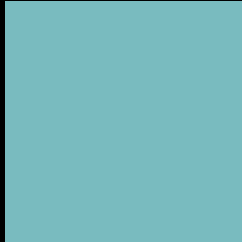
Large Text (above 18pt) WCAG AA × Fail

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 167.7220, -40.6200, -12.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

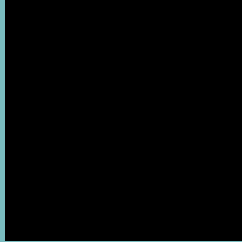
Any Text WCAG AA ✓ Pass

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 167.7220, -40.6200, -12.7480 Background



This preview shows how black text looks on a background with the YIQ color 167.7220, -40.6200, -12.7480.



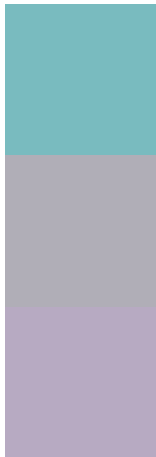
This preview shows how white text looks on a background with the YIQ color 167.7220, -40.6200, -12.7480.

-12.7480.

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

167.7220, -40.6200, -12.7480

Protanopia

175.6240, -1.6970, 3.2230

Deuteranopia

176.6230, 0.0440, 10.2200



Tritanopia

168.7590, -42.0420, -9.0020

Trichromacy



Original Color

167.7220, -40.6200, -12.7480

Protanomaly

172.9210, -15.9550, -2.6990

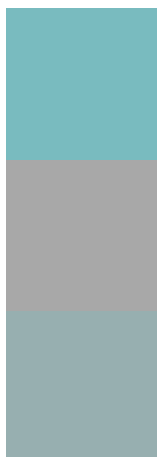
Deuteranomaly

173.1540, -14.9930, 1.8950

Tritanomaly

168.1180, -41.6750, -10.1470

Monochromacy



Original Color

167.7220, -40.6200, -12.7480

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9380, -14.6250, -4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7220, -40.6200, -12.7480 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 191) }
```

Border

The CSS property to change the border of an element to YIQ 167.7220, -40.6200, -12.7480 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, 191) }
```


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

```
.border{ border-color:rgb(121, 187, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 187, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 187, 191); box-shadow:4px 4px 4px 4px rgb(121, 187, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7220, -40.6200, -12.7480 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, 191) }
```

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

```
.background{ background-color: rgb(121,  
187, 191) }
```

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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