

Converting Colors

YIQ(173.3430, -46.2620, 1.4020)

Have a look what the booklet for
YIQ(173.3430, -46.2620, 1.4020)
contains.

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Color

**YIQ(173.3430, -46.2620,
1.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	82B9E3
RGB	130, 185, 227
RGB Percent	51%, 73%, 89%
CMY	0.4903, 0.2744, 0.1100
CMYK	0.43, 0.18, 0.00, 0.11
HSL	206°, 63%, 70%
HSV	206°, 43%, 89%
XYZ	40.4132, 44.9944, 79.1879
YIQ	173.3430, -46.2620, 1.4020

Conversions

Conversions Part 2

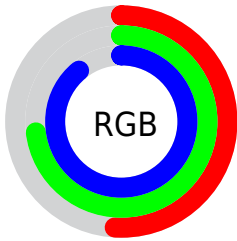
Format	Color
RYB	130, 165, 227
Decimal	8567267
CIELab	72.89, -7.16, -26.60
CIELCh	73, 27.549, 254.939
Yxy	44.9944, 0.2455, 0.2734
Android (android.graphics.Color)	4286757347 (0xFF82B9E3)
YUV	173.3430, 26.4529, -38.0118
Hunter-Lab	67.0778, -9.8433, -23.0396

Details

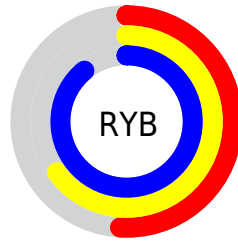
The YIQ color **173.3430, -46.2620, 1.4020** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **183.6570, 46.2620, -1.4020**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1510, -37.2740, -7.3060**, and **119.1040, -47.0870, -0.1670** is the 20% darker color. If you saturate the color by 10%, you get **160.5960, -57.2200, 1.7560**, and if you desaturate by 10%, it is **186.0900, -35.3040, 1.0480**.

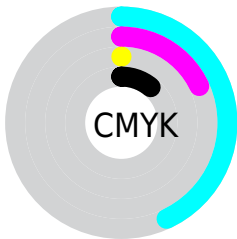
Distribution



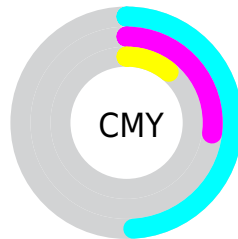
- Red (51%)
- Green (73%)
- Blue (89%)



- Red (51%)
- Yellow (65%)
- Blue (89%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3430, -46.2620, 1.4020 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 173.3430, -46.2620, 1.4020 by changing the saturation by 10% instead.

■ 173.3430,
-46.2620, 1.4020

■ 173.3430,
-46.2620, 1.4020

■ 255.0000, -0.0000,
-0.0000

■ 145.9300,
-46.5370, 0.8790

■ 226.1510,
-37.2740, -7.3060

■ 119.1040,
-47.0870, -0.1670

■ 243.0400,
-23.8400, -8.4800

■ 92.7940, -49.1500,
-1.3260

■ 252.0100, -5.9600,
-2.1200

■ 62.5860, -60.4280,
-6.1880

■ 45.9360, -46.6740,
-2.1460

■ 30.2860, -32.9200,
1.8960

■ 16.0380, -20.3580,

5.5140

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 173.3430,
-46.2620, 1.4020

■ 173.3430,
-46.2620, 1.4020

■ 160.5960,
-57.2200, 1.7560

■ 186.0900,
-35.3040, 1.0480

■ 148.1480,
-67.5820, 2.3220

■ 198.5380,
-24.9420, 0.4820

■ 135.9880,
-78.8150, 2.1530

■ 210.6980,
-13.7090, 0.6510

■ 123.2410,
-89.7730, 2.5070

■ 223.4450, -2.7510,
0.2970

■ 110.7930,
-100.1350, 3.0730

■ 235.8930, 7.6110,
-0.2690

■ 101.6010,
-108.3420, 3.1300

■ 245.3510, 12.0130,
-2.9550

■ 251.2210, 9.2630,
-8.1850

■ 251.8080, 8.9880,
-8.7080

Harmonies

Analogous

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



168.2070, -58.0430, -10.8670



173.3430, -46.2620, 1.4020



179.1120, -23.2020, 13.0060

Triad

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



173.3430, -46.2620, 1.4020



182.3150, 39.1980, 16.4940



173.3020, -4.6270, -20.7790

Complementary

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



173.3430, -46.2620, 1.4020



183.6570, 46.2620, -1.4020

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.



176.0830, 18.1590, -15.2250



173.3430, -46.2620, 1.4020



180.5460, 42.5010, 6.1890

Square

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



173.3430, -46.2620, 1.4020



183.1750, 25.2130, 22.1490



178.9760, 34.9380, -5.4300



169.4870, -30.0730, -22.1770

Rectangle

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



173.3430, -46.2620, 1.4020



181.6690, -5.5970, 18.8430



178.9760, 34.9380, -5.4300



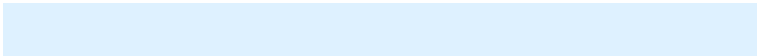
174.1350, 3.2130, -19.6910

Sweetspot

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



173.3430, -46.2620, 1.4020



236.9150, -15.8180, 0.3260



191.4990, -39.5150, -38.2910



116.4380, -10.0410, 0.2550



0.0000, 0.0000, 0.0000



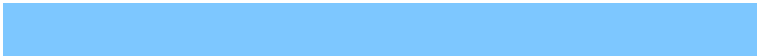
128.0000, -0.0000, -0.0000

Same Dimension

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



173.3430, -46.2620, 1.4020



183.2580, -62.0800, 1.7280



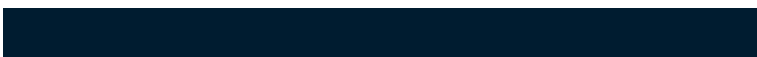
145.7540, -33.3370, 25.9830



105.7760, -5.1810, 0.2830



78.7640, -83.9960, 2.4360



21.9080, -23.1080, 0.2840

Inverse Universe

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



165.2730, 40.1570, 37.6690



172.3060, 53.7260, 50.5740



211.2460, 33.3370, -25.9830



104.9730, 4.6300, 4.1980



64.0240, 72.7960, 68.4120



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 173.3430, -46.2620, 1.4020 looks on a white background.

Color Contrast Check

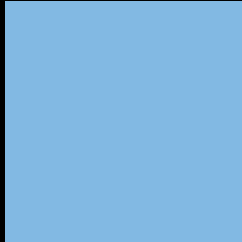
Large Text (above 18pt) WCAG AA × Fail

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 173.3430, -46.2620, 1.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

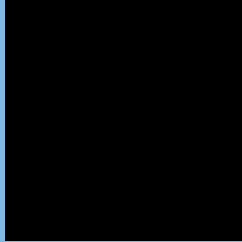
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3430, -46.2620, 1.4020

Background



This preview shows how black text looks on a background with the YIQ color 173.3430, -46.2620, 1.4020.



This preview shows how white text looks on a background with the YIQ color 173.3430, -46.2620, 1.4020.

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

173.3430, -46.2620, 1.4020

Protanopia

178.7380, -19.2130, 12.2990

Deuteranopia

179.3620, -20.9100, 15.5220



Tritanopia

171.2750, -43.5550, -9.1150

Trichromacy



Original Color

173.3430, -46.2620, 1.4020

Protanomaly

176.5410, -29.0240, 8.3840

Deuteranomaly

177.4100, -30.0330, 10.1510

Tritanomaly

172.1980, -44.6560, -5.6800

Monochromacy



Original Color

173.3430, -46.2620, 1.4020

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8440, -17.0560, 0.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3430, -46.2620, 1.4020 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(130, 185, 227)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 227)  
}
```

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(130, 185, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 227) }
```

Border

The CSS property to change the border of an element to YIQ 173.3430, -46.2620, 1.4020 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(130, 185, 227) }
```


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

```
.border{ border-color:rgb(130, 185, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 227);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3430, -46.2620, 1.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 227) }
```

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

```
.background{ background-color: rgb(130,  
185, 227) }
```

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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