

Converting Colors

YIQ(172.7290, -41.3570, 6.1230)

Have a look what the booklet for
YIQ(172.7290, -41.3570, 6.1230)
contains.

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Color

**YIQ(172.7290, -41.3570,
6.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	89B4E5
RGB	137, 180, 229
RGB Percent	54%, 71%, 90%
CMY	0.4628, 0.2940, 0.1022
CMYK	0.40, 0.21, 0.00, 0.10
HSL	212°, 64%, 72%
HSV	212°, 40%, 90%
XYZ	40.7741, 43.6210, 80.3617
YIQ	172.7290, -41.3570, 6.1230

Conversions

Conversions Part 2

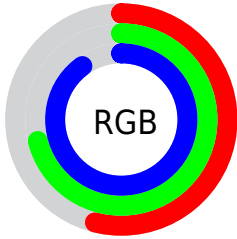
Format	Color
R _Y B	137, 166, 229
Decimal	9024741
CIE Lab	71.97, -2.10, -29.06
CIE LCh	72, 29.138, 265.859
Yxy	43.6210, 0.2475, 0.2648
Android (android.graphics.Color)	4287214821 (0xFF89B4E5)
YUV	172.7290, 27.7416, -31.3343
Hunter-Lab	66.0462, -5.3824, -25.9088

Details

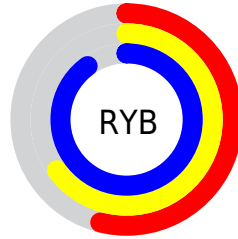
The YIQ color **172.7290, -41.3570, 6.1230** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **193.2710, 41.3570, -6.1230**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3090, -31.7270, -3.2070**, and **118.7890, -41.5860, 4.7660** is the 20% darker color. If you saturate the color by 10%, you get **158.8080, -51.7650, 7.5230**, and if you desaturate by 10%, it is **186.6500, -30.9490, 4.7230**.

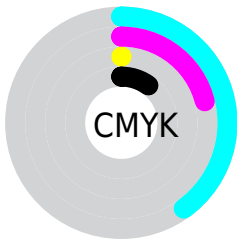
Distribution



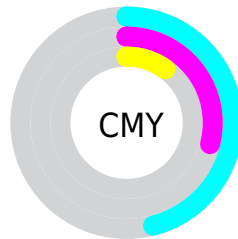
- Red (54%)
- Green (71%)
- Blue (90%)



- Red (54%)
- Yellow (65%)
- Blue (90%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7290, -41.3570, 6.1230 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 172.7290, -41.3570, 6.1230 by changing the saturation by 10% instead.

■ 172.7290,
-41.3570, 6.1230

■ 172.7290,
-41.3570, 6.1230

■ 255.0000, -0.0000,
-0.0000

■ 145.6150,
-41.0360, 5.8120

■ 225.3090,
-31.7270, -3.2070

■ 118.7890,
-41.5860, 4.7660

■ 245.1330,
-19.6680, -6.9960

■ 92.7780, -43.0530,
3.8190

■ 253.8040, -2.3840,
-0.8480

■ 66.7450, -47.4540,
0.9780

■ 43.8160, -46.2160,
0.5680

■ 28.7530, -32.7370,
4.0870

■ 12.6300, -19.0290,

8.9630

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 172.7290,
-41.3570, 6.1230

■ 172.7290,
-41.3570, 6.1230

■ 158.8080,
-51.7650, 7.5230

■ 186.6500,
-30.9490, 4.7230

■ 144.8870,
-62.1730, 8.9230

■ 200.5710,
-20.5410, 3.3230

■ 130.3790,
-72.3060, 10.8460

■ 215.0790,
-10.4080, 1.4000

■ 116.4580,
-82.7140, 12.2460

■ 229.0000, -0.0000,
-0.0000

■ 102.8360,
-92.5260, 13.8580

■ 242.6220, 9.8120,
-1.6120

■ 88.9150,
-102.9340, 15.2580

■ 250.8620, 8.8960,
-7.0400

■ 252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



165.9450, -60.0610, -7.3330



172.7290, -41.3570, 6.1230



178.2380, -14.6290, 17.3310

Triad

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



172.7290, -41.3570, 6.1230



179.0720, 44.1960, 14.0200



169.1590, -14.5300, -23.0260

Complementary

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



172.7290, -41.3570, 6.1230



193.2710, 41.3570, -6.1230

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.



172.5550, 10.7780, -19.1260



172.7290, -41.3570, 6.1230



177.7970, 43.0520, 1.7080

Square

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



172.7290, -41.3570, 6.1230



180.3670, 33.4200, 22.0920



175.0740, 31.5460, -10.0380



164.9140, -41.5810, -22.8690

Rectangle

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



172.7290, -41.3570, 6.1230



180.4530, 3.9390, 22.2350



175.0740, 31.5460, -10.0380



170.1770, -5.7730, -22.0370

Sweetspot

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



172.7290, -41.3570, 6.1230



236.3390, -14.0760, 1.7960



196.4760, -40.7080, -33.1880



116.7480, -7.9780, 1.4140



0.0000, 0.0000, 0.0000



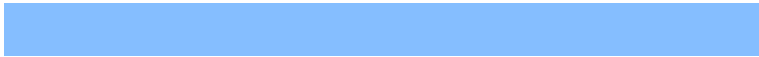
128.0000, -0.0000, -0.0000

Same Dimension

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



172.7290, -41.3570, 6.1230



180.3670, -54.8370, 8.1310



148.0860, -28.3400, 29.0360



107.8900, -5.5020, 0.5940



69.7140, -80.5590, 11.7370



19.9020, -22.9710, 3.3090

Inverse Universe

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



169.4100, 41.0290, 32.8770



175.9760, 54.4150, 43.5910



217.9140, 28.3400, -29.0360



107.2720, 5.2260, 4.4100



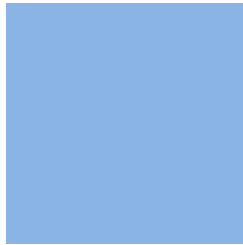
63.0970, 79.7200, 64.0720



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 172.7290, -41.3570, 6.1230 looks on a white background.

Color Contrast Check

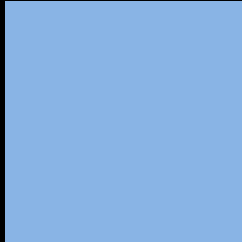
Large Text (above 18pt) WCAG AA × Fail

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 172.7290, -41.3570, 6.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

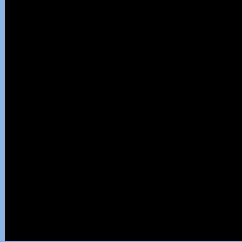
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7290, -41.3570, 6.1230

Background



This preview shows how black text looks on a background with the YIQ color 172.7290, -41.3570, 6.1230.



This preview shows how white text looks on a background with the YIQ color 172.7290, -41.3570,

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

172.7290, -41.3570, 6.1230

Protanopia

176.5250, -22.9270, 13.5290

Deuteranopia

176.5080, -24.2570, 15.6070



Tritanopia

169.9660, -38.1910, -7.2070

Trichromacy



Original Color

172.7290, -41.3570, 6.1230

Protanomaly

175.1220, -29.1620, 10.8860

Deuteranomaly

175.5780, -30.4460, 12.1300

Tritanomaly

170.9430, -39.3840, -2.1040

Monochromacy



Original Color

172.7290, -41.3570, 6.1230

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1540, -14.9930, 1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7290, -41.3570, 6.1230 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(137, 180, 229)` looks like.

```
.text, #text, p{  
    color:rgb(137, 180, 229)  
}
```

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(137, 180, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 180, 229) }
```

Border

The CSS property to change the border of an element to YIQ 172.7290, -41.3570, 6.1230 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(137, 180, 229) }
```


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

```
.border{ border-color:rgb(137, 180, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 180, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 180, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 180, 229);  
box-shadow:4px 4px 4px 4px rgb(137, 180,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7290, -41.3570, 6.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 180, 229) }
```

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

```
.background{ background-color: rgb(137,  
180, 229) }
```

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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