

Converting Colors

YIQ(175.2600, -47.2260, 7.8620)

Have a look what the booklet for
YIQ(175.2600, -47.2260, 7.8620)
contains.

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Color

**YIQ(175.2600, -47.2260,
7.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	87B7F1
RGB	135, 183, 241
RGB Percent	53%, 72%, 95%
CMY	0.4706, 0.2823, 0.0551
CMYK	0.44, 0.24, 0.00, 0.06
HSL	213°, 79%, 74%
HSV	213°, 44%, 94%
XYZ	42.7945, 45.3719, 89.6748
YIQ	175.2600, -47.2260, 7.8620

Conversions

Conversions Part 2

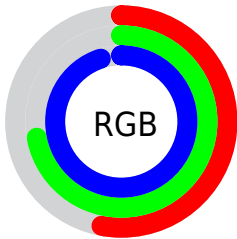
Format	Color
R _Y B	135, 168, 241
Decimal	8894449
CIE Lab	73.14, -0.98, -33.79
CIE LCh	73, 33.802, 268.333
Yxy	45.3719, 0.2406, 0.2551
Android (android.graphics.Color)	4287084529 (0xFF87B7F1)
YUV	175.2600, 32.4098, -35.3080
Hunter-Lab	67.3587, -4.4727, -31.7819

Details

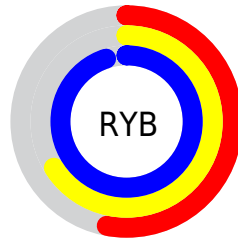
The YIQ color **175.2600, -47.2260, 7.8620** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **200.7400, 47.2260, -7.8620**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7710, -33.1480, -4.9880**, and **121.0210, -48.0510, 6.2930** is the 20% darker color. If you saturate the color by 10%, you get **160.4530, -57.9550, 9.5730**, and if you desaturate by 10%, it is **190.0670, -36.4970, 6.1510**.

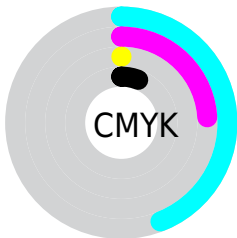
Distribution



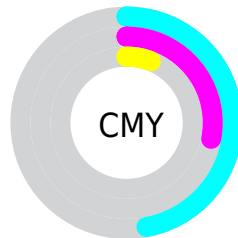
- Red (53%)
- Green (72%)
- Blue (95%)



- Red (53%)
- Yellow (66%)
- Blue (95%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.2600, -47.2260, 7.8620 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 175.2600, -47.2260, 7.8620 by changing the saturation by 10% instead.

■ 175.2600,
-47.2260, 7.8620

■ 175.2600,
-47.2260, 7.8620

■ 255.0000, -0.0000,
-0.0000

■ 147.7330,
-47.1800, 7.0280

■ 226.7710,
-33.1480, -4.9880

■ 121.0210,
-48.0510, 6.2930

■ 244.8340,
-20.2640, -7.2080

■ 93.9990, -50.9850,
4.3990

■ 253.8040, -2.3840,
-0.8480

■ 63.6770, -61.9420,
-0.7740

■ 46.7170, -50.2510,
2.1090

■ 30.9530, -36.1760,
5.8400

■ 16.0040, -23.0180,

9.6700

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 175.2600,
-47.2260, 7.8620

■ 175.2600,
-47.2260, 7.8620

■ 160.4530,
-57.9550, 9.5730

■ 190.0670,
-36.4970, 6.1510

■ 145.6460,
-68.6840, 11.2840

■ 204.8740,
-25.7680, 4.4400

■ 130.8390,
-79.4130, 12.9950

■ 220.2680,
-15.3140, 2.2060

■ 115.4450,
-89.8670, 15.2290

■ 235.0750, -4.5850,
0.4950

■ 100.6380,
-100.5960, 16.9400

■ 249.8820, 6.1440,
-1.2160

■ 91.4570,
-107.3360, 17.9440

■ 253.4040, 4.4940,
-4.3540

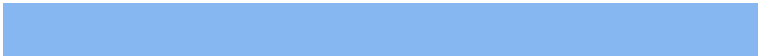
Harmonies

Analogous

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



165.3610, -73.0360, -8.9720



175.2600, -47.2260, 7.8620



181.7590, -14.5380, 21.1900

Triad

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



175.2600, -47.2260, 7.8620



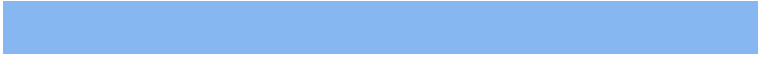
181.8340, 50.7980, 15.5180



170.0010, -20.0770, -27.1250

Complementary

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



175.2600, -47.2260, 7.8620



200.7400, 47.2260, -7.8620

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.



174.7350, 10.0910, -23.1970



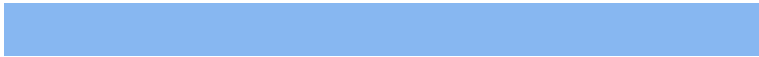
175.2600, -47.2260, 7.8620



179.9070, 48.5540, 1.1140

Square

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



175.2600, -47.2260, 7.8620



183.4820, 40.5260, 25.4700



177.7490, 33.8390, -13.0490



164.5320, -52.3090, -26.6850

Rectangle

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



175.2600, -47.2260, 7.8620



183.9420, 7.0560, 26.3200



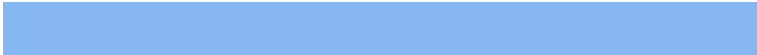
177.7490, 33.8390, -13.0490



171.3890, -9.4860, -26.3340

Sweetspot

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



175.2600, -47.2260, 7.8620



234.5670, -14.7180, 2.4180



203.6060, -47.1260, -38.0220



114.6770, -9.2160, 1.8240



0.0000, 0.0000, 0.0000



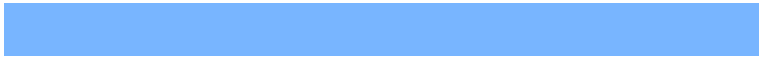
128.0000, -0.0000, -0.0000

Same Dimension

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



175.2600, -47.2260, 7.8620



171.1970, -60.1100, 10.0820



148.2800, -31.6420, 33.8140



112.3030, -5.2270, 1.1170



69.6970, -81.8890, 13.8150



21.0590, -24.8510, 4.3410

Inverse Universe

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



172.1660, 47.7680, 37.4000



167.3190, 60.8790, 47.5910



227.7200, 31.6420, -33.8140



112.1580, 5.5470, 4.0990



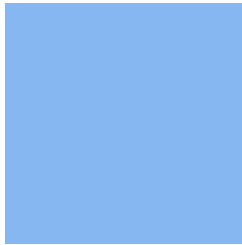
64.4780, 83.0210, 64.8210



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 175.2600, -47.2260, 7.8620 looks on a white background.

Color Contrast Check

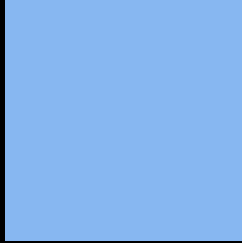
Large Text (above 18pt) WCAG AA × Fail

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 175.2600, -47.2260, 7.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

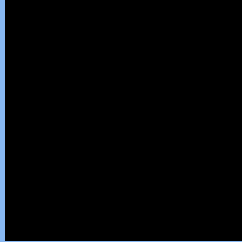
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

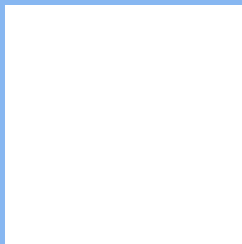
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.2600, -47.2260, 7.8620

Background



This preview shows how black text looks on a background with the YIQ color 175.2600, -47.2260, 7.8620.



This preview shows how white text looks on a background with the YIQ color 175.2600, -47.2260, 7.8620.

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

175.2600, -47.2260, 7.8620

Protanopia

179.5400, -27.2830, 15.3810

Deuteranopia

179.0390, -30.1260, 17.3460



Tritanopia

172.2750, -43.5550, -9.1150

Trichromacy



Original Color

175.2600, -47.2260, 7.8620

Protanomaly

177.9520, -34.4350, 12.8370

Deuteranomaly

178.1090, -36.3150, 13.8690

Tritanomaly

173.1920, -44.5190, -2.6550

Monochromacy



Original Color

175.2600, -47.2260, 7.8620

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0120, -17.4690, 2.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2600, -47.2260, 7.8620 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(135, 183, 241)` looks like.

```
.text, #text, p{  
    color:rgb(135, 183, 241)  
}
```

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(135, 183, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 183, 241) }
```

Border

The CSS property to change the border of an element to YIQ 175.2600, -47.2260, 7.8620 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(135, 183, 241) }
```


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

```
.border{ border-color:rgb(135, 183, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 183, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 183, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 183, 241);  
box-shadow:4px 4px 4px 4px rgb(135, 183,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2600, -47.2260, 7.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 183, 241) }
```

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

```
.background{ background-color: rgb(135,  
183, 241) }
```

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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