

Converting Colors

YIQ(190.2630, -87.9800,
-24.4920)

Have a look what the booklet for
YIQ(190.2630, -87.9800, -24.4920)
contains.

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Color

**YIQ(190.2630, -87.9800,
-24.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE6F6
RGB	91, 230, 246
RGB Percent	36%, 90%, 96%
CMY	0.6434, 0.0978, 0.0356
CMYK	0.63, 0.06, 0.00, 0.04
HSL	186°, 89%, 66%
HSV	186°, 63%, 96%
XYZ	49.2398, 65.4943, 97.1611
YIQ	190.2630, -87.9800, -24.4920

Conversions

Conversions Part 2

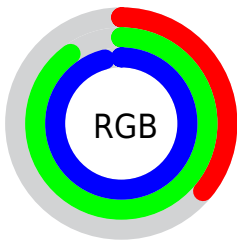
Format	Color
RYP	91, 164, 246
Decimal	6022902
CIELab	84.74, -32.64, -18.86
CIELCh	85, 37.701, 210.021
Yxy	65.4943, 0.2324, 0.3091
Android (android.graphics.Color)	4284212982 (0xFF5BE6F6)
YUV	190.2630, 27.4783, -87.0537
Hunter-Lab	80.9286, -33.0193, -14.5323

Details

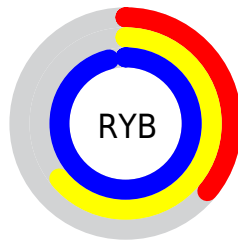
The YIQ color **190.2630, -87.9800, -24.4920** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **146.7370, 87.9800, 24.4920**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3990, -59.0040, -20.9880**, and **123.7980, -108.8400, -31.9120** is the 20% darker color. If you saturate the color by 10%, you get **181.6140, -102.3300, -28.7460**, and if you desaturate by 10%, it is **199.4990, -73.9050, -20.7610**.

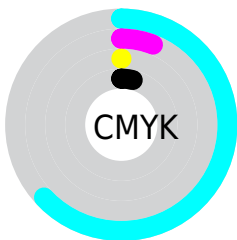
Distribution



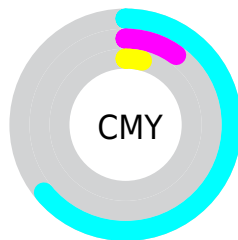
- Red (36%)
- Green (90%)
- Blue (96%)



- Red (36%)
- Yellow (64%)
- Blue (96%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.2630, -87.9800, -24.4920 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 190.2630, -87.9800, -24.4920 by changing the saturation by 10% instead.

■ 190.2630,
-87.9800, -24.4920

■ 190.2630,
-87.9800, -24.4920

■ 255.0000, -0.0000,
-0.0000

■ 158.5610,
-94.8110, -27.3470

■ 225.3990,
-59.0040, -20.9880

■ 123.7980,
-108.8400, -31.9120

■ 234.6680,
-40.5280, -14.4160

■ 104.8710,
-92.7480, -26.1880

■ 243.9370,
-22.0520, -7.8440

■ 86.5310, -76.9310,
-20.9870

■ 253.2060, -3.5760,
-1.2720

■ 69.0060, -62.0310,
-15.6870

■ 51.4810, -47.1310,
-10.3870

■ 35.3580, -33.4230,

-5.5110

■ 20.5230, -20.5860,
-1.3700

■ 2.8670, -6.6950,
5.6970

■ 190.2630,
-87.9800, -24.4920

■ 190.2630,
-87.9800, -24.4920

■ 181.6140,
-102.3300, -28.7460

■ 199.4990,
-73.9050, -20.7610

■ 172.6770,
-115.8090, -32.2650

■ 207.8490,
-60.1510, -16.7190

■ 164.0280,
-130.1590, -36.5190

■ 217.0850,
-46.0760, -12.9880

■ 157.7710,
-139.7410, -39.0770

■ 225.4350,
-32.3220, -8.9460

234.6710,
-18.2470, -5.2150

243.0210, -4.4930,
-1.1730

249.8650, 4.8140,
0.8620

251.0390, 4.2640,
-0.1840

252.8000, 3.4390,
-1.7530

Harmonies

Analogous

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



194.2210, -61.7990, -30.9110



190.2630, -87.9800, -24.4920



194.6330, -76.9780, -14.6260

Triad

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



190.2630, -87.9800, -24.4920



216.6340, 19.8470, 31.2950



209.2070, 38.2410, -15.7350

Complementary

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



190.2630, -87.9800, -24.4920



146.7370, 87.9800, 24.4920

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.



209.0980, 49.3340, -2.0100



190.2630, -87.9800, -24.4920



209.1220, 32.7320, 23.5480

Square

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



190.2630, -87.9800, -24.4920



212.2280, -8.6690, 19.4510



206.3060, 43.4170, 11.6170



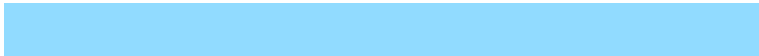
205.6270, 10.2750, -26.5330

Rectangle

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



190.2630, -87.9800, -24.4920



200.9780, -55.6600, -4.4920



206.3060, 43.4170, 11.6170



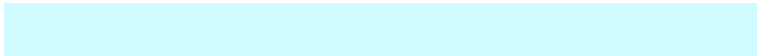
210.3760, 45.2550, -10.6890

Sweetspot

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



190.2630, -87.9800, -24.4920



237.7130, -27.2330, -7.5610



183.6950, -47.4400, -76.4000



117.2690, -17.0550, -4.7910



0.0000, 0.0000, 0.0000



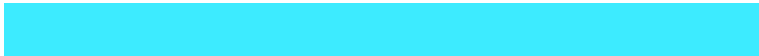
128.0000, -0.0000, -0.0000

Same Dimension

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



190.2630, -87.9800, -24.4920



185.2540, -110.1240, -30.6680



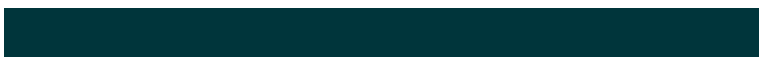
145.0640, -66.8050, 15.7790



117.8250, -6.8770, -2.0210



119.2330, -105.6310, -29.4950



37.8370, -33.5140, -9.3700

Inverse Universe

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



153.1910, 47.7610, 76.0890



138.8420, 59.7700, 95.2420



191.9360, 66.8050, -15.7790



114.8420, 3.6210, 5.9650



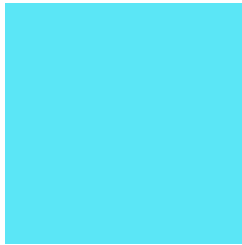
74.6520, 57.2490, 91.3690



23.6830, 18.1510, 28.9910

Previews

White Background



This preview shows how the YIQ color 190.2630, -87.9800, -24.4920 looks on a white background.

Color Contrast Check

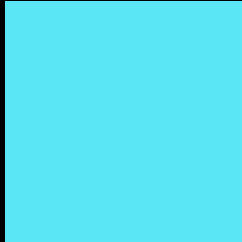
Large Text (above 18pt) WCAG AA × Fail

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 190.2630, -87.9800, -24.4920 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 190.2630, -87.9800, -24.4920 Background



This preview shows how black text looks on a background with the YIQ color 190.2630, -87.9800, -24.4920.



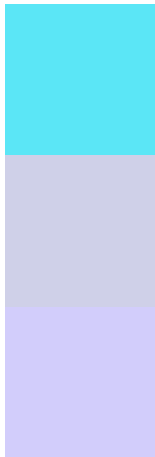
This preview shows how white text looks on a background with the YIQ color 190.2630, -87.9800, -24.4920.

-24.4920.

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

190.2630, -87.9800, -24.4920

Protanopia

210.4370, -8.3000, 7.2520

Deuteranopia

211.7390, -11.7860, 15.3660



Tritanopia

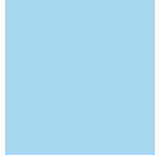
190.7900, -88.0260, -23.6580

Trichromacy



Original Color

190.2630, -87.9800, -24.4920



Protanomaly

203.1450, -37.1370, -4.2810



Deuteranomaly

203.9370, -39.2470, 0.9210



Tritanomaly

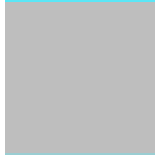
190.6760, -87.7050, -23.9690

Monochromacy



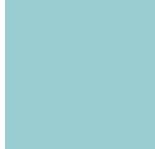
Original Color

190.2630, -87.9800, -24.4920



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.3210, -32.0010, -9.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2630, -87.9800, -24.4920 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(91, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(91, 230, 246)  
}
```

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(91, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 230, 246) }
```

Border

The CSS property to change the border of an element to YIQ 190.2630, -87.9800, -24.4920 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(91, 230, 246) }
```


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

```
.border{ border-color:rgb(91, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(91, 230,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2630, -87.9800, -24.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 230, 246) }
```

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

```
.background{ background-color: rgb(91, 230,  
246) }
```

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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