

Converting Colors

YIQ(192.2250, -84.8170,
-21.2410)

Have a look what the booklet for
YIQ(192.2250, -84.8170, -21.2410)
contains.

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Color

**YIQ(192.2250, -84.8170,
-21.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	62E5FA
RGB	98, 229, 250
RGB Percent	38%, 90%, 98%
CMY	0.6160, 0.1017, 0.0200
CMYK	0.61, 0.08, 0.00, 0.02
HSL	188°, 94%, 68%
HSV	188°, 61%, 98%
XYZ	50.3046, 65.5581, 100.3712
YIQ	192.2250, -84.8170, -21.2410

Conversions

Conversions Part 2

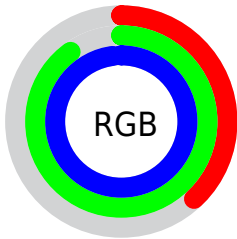
Format	Color
R _Y B	98, 168, 250
Decimal	6481402
CIE Lab	84.77, -29.91, -20.90
CIE LCh	85, 36.491, 214.949
Yxy	65.5581, 0.2326, 0.3032
Android (android.graphics.Color)	4284671482 (0xFF62E5FA)
YUV	192.2250, 28.4831, -82.6353
Hunter-Lab	80.9679, -30.7936, -16.8208

Details

The YIQ color **192.2250, -84.8170, -21.2410** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **155.7750, 84.8170, 21.2410**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, -55.4280, -19.7160**, and **123.6670, -109.8490, -30.1450** is the 20% darker color. If you saturate the color by 10%, you get **182.9890, -98.8920, -24.9720**, and if you desaturate by 10%, it is **201.4610, -70.7420, -17.5100**.

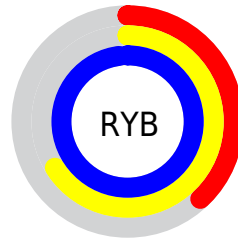
Distribution



Red (38%)

Green (90%)

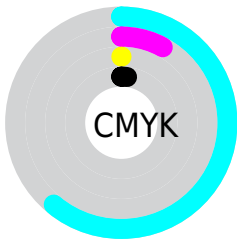
Blue (98%)



Red (38%)

Yellow (66%)

Blue (98%)

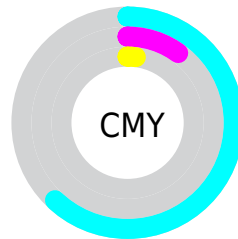


Cyan (61%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.2250, -84.8170, -21.2410 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 192.2250, -84.8170, -21.2410 by changing the saturation by 10% instead.

192.2250,
-84.8170, -21.2410

192.2250,
-84.8170, -21.2410

255.0000, -0.0000,
-0.0000

161.4200,
-89.8600, -23.4600

227.1930,
-55.4280, -19.7160

123.5530,
-109.5280, -30.4560

236.1630,
-37.5480, -13.3560

104.6260,
-93.4360, -24.7320

245.4320,
-19.0720, -6.7840

86.4000, -77.9400,
-19.2200

254.7010, -0.5960,
-0.2120

68.7610, -62.7190,
-14.2310

51.9370, -48.4150,
-9.1430

35.7000, -34.3860,

-4.5780

■ 20.8650, -21.5490,
-0.4370

■ 3.2090, -7.6580,
6.6300

■ 192.2250,
-84.8170, -21.2410

■ 192.2250,
-84.8170, -21.2410

■ 182.9890,
-98.8920, -24.9720

■ 201.4610,
-70.7420, -17.5100

■ 173.1660,
-112.6920, -28.1800

■ 211.2840,
-56.9420, -14.3020

■ 163.9300,
-126.7670, -31.9110

■ 220.5200,
-42.8670, -10.5710

■ 155.2920,
-139.6500, -35.2180

■ 230.3430,
-29.0670, -7.3630

239.5790,
-14.9920, -3.6320

249.4020, -1.1920,
-0.4240

253.2560, 2.1550,
-0.5090

254.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



194.6060, -64.3210, -29.2570



192.2250, -84.8170, -21.2410



197.3460, -68.6800, -10.8240

Triad

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



192.2250, -84.8170, -21.2410



215.2490, 22.3690, 29.6410



208.9290, 33.1520, -17.1200

Complementary

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



192.2250, -84.8170, -21.2410



155.7750, 84.8170, 21.2410

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.



210.7450, 48.8300, -3.8900



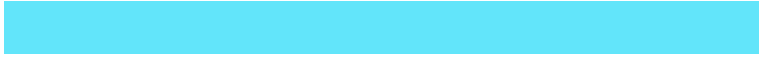
192.2250, -84.8170, -21.2410



209.0250, 34.3830, 21.1590

Square

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



192.2250, -84.8170, -21.2410



214.0330, -3.6260, 21.6700



207.6110, 43.8760, 8.8040



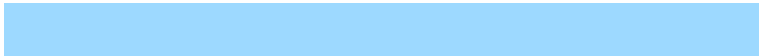
204.9900, 4.8190, -26.7730

Rectangle

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



192.2250, -84.8170, -21.2410



203.3920, -47.9580, -0.9020



207.6110, 43.8760, 8.8040



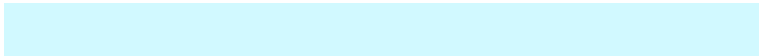
209.8700, 40.8080, -12.6960

Sweetspot

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



192.2250, -84.8170, -21.2410



237.7240, -25.7660, -6.6140



189.5040, -48.2200, -73.2760



116.9810, -16.1840, -4.0560



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.



192.2250, -84.8170, -21.2410



184.1240, -103.7060, -25.8340



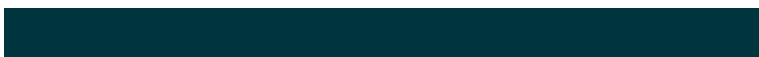
148.2000, -64.1920, 17.9840



119.9390, -7.1980, -1.7100



117.2270, -105.4940, -26.4700



38.0650, -34.1560, -8.7480

Inverse Universe

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



158.3820, 48.5410, 72.9650



142.8540, 59.4960, 89.1920



199.8000, 64.1920, -17.9840



117.1410, 4.2170, 6.1770



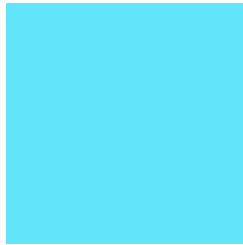
75.0930, 60.3210, 90.7610



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 192.2250, -84.8170, -21.2410 looks on a white background.

Color Contrast Check

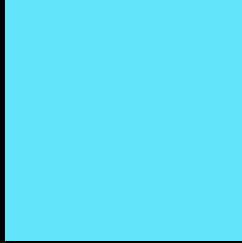
Large Text (above 18pt) WCAG AA × Fail

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 192.2250, -84.8170, -21.2410 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 192.2250, -84.8170, -21.2410 Background



This preview shows how black text looks on a background with the YIQ color 192.2250, -84.8170, -21.2410.

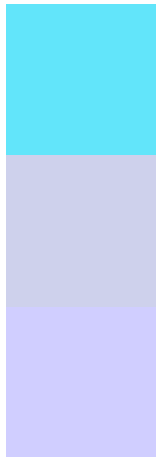


This preview shows how white text looks on a background with the YIQ color 192.2250, -84.8170, -21.2410.

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

192.2250, -84.8170, -21.2410

Protanopia

211.1810, -10.4550, 7.7610

Deuteranopia

212.1840, -14.5370, 15.6630



Tritanopia

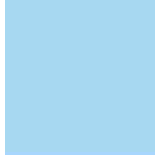
191.6980, -84.7710, -22.0750

Trichromacy



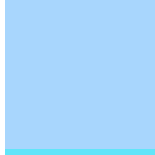
Original Color

192.2250, -84.8170, -21.2410



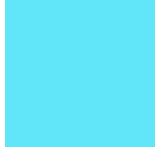
Protanomaly

204.1990, -37.2290, -2.6130



Deuteranomaly

204.6920, -39.9350, 2.3770



Tritanomaly

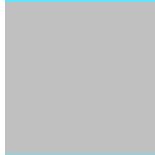
191.8120, -85.0920, -21.7640

Monochromacy



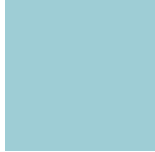
Original Color

192.2250, -84.8170, -21.2410



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

191.8590, -30.5800, -7.4760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.2250, -84.8170, -21.2410 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(98, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(98, 229, 250)  
}
```

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(98, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 229, 250) }
```

Border

The CSS property to change the border of an element to YIQ 192.2250, -84.8170, -21.2410 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(98, 229, 250) }
```


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

```
.border{ border-color:rgb(98, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(98, 229,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 192.2250, -84.8170, -21.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 229, 250) }
```

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

```
.background{ background-color: rgb(98, 229,  
250) }
```

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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