

Converting Colors

YIQ(194.0980, -65.2860,
-17.2700)

Have a look what the booklet for
YIQ(194.0980, -65.2860, -17.2700)
contains.

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Color

**YIQ(194.0980, -65.2860,
-17.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	79DFED
RGB	121, 223, 237
RGB Percent	47%, 87%, 93%
CMY	0.5257, 0.1253, 0.0709
CMYK	0.49, 0.06, 0.00, 0.07
HSL	187°, 76%, 70%
HSV	187°, 49%, 93%
XYZ	49.5519, 62.9693, 89.6107
YIQ	194.0980, -65.2860, -17.2700

Conversions

Conversions Part 2

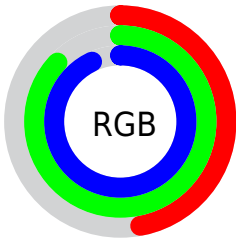
Format	Color
RYB	121, 175, 237
Decimal	7987181
CIELab	83.43, -26.14, -16.00
CIELCh	83, 30.652, 211.469
Yxy	62.9693, 0.2451, 0.3115
Android (android.graphics.Color)	4286177261 (0xFF79DFED)
YUV	194.0980, 21.1507, -64.1069
Hunter-Lab	79.3532, -27.4042, -11.4068

Details

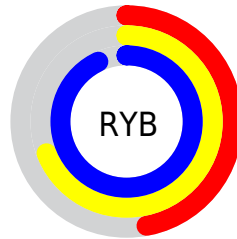
The YIQ color **194.0980, -65.2860, -17.2700** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.9020, 65.2860, 17.2700**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, -44.7000, -15.9000**, and **136.5920, -69.7330, -19.2770** is the 20% darker color. If you saturate the color by 10%, you get **185.1610, -78.7650, -20.7890**, and if you desaturate by 10%, it is **203.0350, -51.8070, -13.7510**.

Distribution



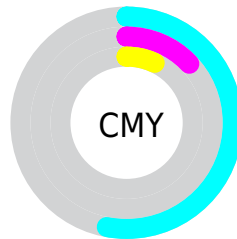
- Red (47%)
- Green (87%)
- Blue (93%)



- Red (47%)
- Yellow (69%)
- Blue (93%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0980, -65.2860, -17.2700 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 194.0980, -65.2860, -17.2700 by changing the saturation by 10% instead.

■ 194.0980,
-65.2860, -17.2700

■ 194.0980,
-65.2860, -17.2700

■ 255.0000, -0.0000,
-0.0000

■ 165.5000,
-66.4780, -17.6940

■ 232.5750,
-44.7000, -15.9000

■ 136.5920,
-69.7330, -19.2770

■ 241.5450,
-26.8200, -9.5400

■ 103.0140,
-82.8450, -23.9410

■ 250.5150, -8.9400,
-3.1800

■ 82.0970, -72.7130,
-20.3370

■ 64.5720, -57.8130,
-15.0370

■ 47.7480, -43.5090,
-9.9490

■ 32.2120, -30.0760,

-5.5960

■ 16.9040, -17.2850,
-0.6210

■ 1.2540, -3.5310,
3.4210

■ 194.0980,
-65.2860, -17.2700

■ 194.0980,
-65.2860, -17.2700

■ 185.1610,
-78.7650, -20.7890

■ 203.0350,
-51.8070, -13.7510

■ 176.5230,
-91.6480, -24.0960

■ 211.6730,
-38.9240, -10.4440

■ 168.1730,
-105.4020, -28.1380

■ 220.6100,
-25.4450, -6.9250

■ 159.2360,
-118.8810, -31.6570

■ 228.9600,
-11.6910, -2.8830

■ 150.2990,
-132.3600, -35.1760

■ 237.5980, 1.1920,
0.4240

■ 149.7010,
-133.5520, -35.6000

■ 244.1430, 9.9030,
2.2470

■ 245.9040, 9.0780,
0.6780

■ 247.6650, 8.2530,
-0.8910

■ 249.4260, 7.4280,
-2.4600

Harmonies

Analogous

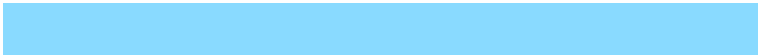
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.2660, -48.5040, -24.0560



194.0980, -65.2860, -17.2700



197.9990, -60.1530, -5.6650

Triad

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



194.0980, -65.2860, -17.2700



212.5750, 18.3350, 25.6550



205.8950, 30.4920, -12.9640

Complementary

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



194.0980, -65.2860, -17.2700



163.9020, 65.2860, 17.2700

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.



208.9990, 45.2990, -0.4690



194.0980, -65.2860, -17.2700



209.6120, 34.1080, 20.6360

Square

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



194.0980, -65.2860, -17.2700



210.4560, -9.3110, 20.0730



207.5940, 42.5460, 10.8820



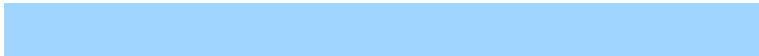
202.8210, 6.9730, -21.7550

Rectangle

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



194.0980, -65.2860, -17.2700



201.9410, -45.0700, 1.8260



207.5940, 42.5460, 10.8820



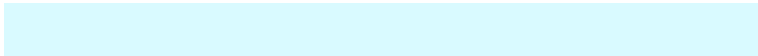
207.2380, 36.9560, -8.9640

Sweetspot

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



194.0980, -65.2860, -17.2700



240.7030, -21.2730, -5.4410



190.5740, -36.0730, -56.6250



119.3620, -12.8830, -3.3070



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.



194.0980, -65.2860, -17.2700



199.5840, -84.4500, -22.3860



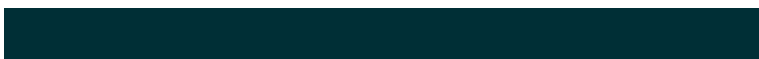
160.0520, -49.3360, 13.0640



113.1240, -6.2810, -1.8090



113.9670, -101.8260, -26.8660



33.7450, -30.2590, -7.7870

Inverse Universe

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



167.3120, 36.3940, 56.3140



164.8980, 47.0280, 72.8520



197.3610, 49.6110, -12.5410



110.4290, 3.3460, 5.4420



72.2450, 56.8370, 87.8210



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 194.0980, -65.2860, -17.2700 looks on a white background.

Color Contrast Check

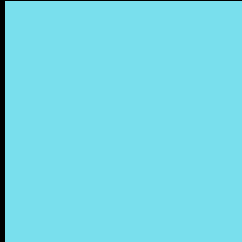
Large Text (above 18pt) WCAG AA × Fail

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 194.0980, -65.2860, -17.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

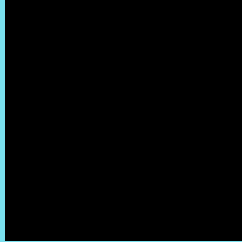
Any Text WCAG AA ✓ Pass

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 194.0980, -65.2860, -17.2700 Background



This preview shows how black text looks on a background with the YIQ color 194.0980, -65.2860, -17.2700.



This preview shows how white text looks on a background with the YIQ color 194.0980, -65.2860, -17.2700.

-17.2700.

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

194.0980, -65.2860, -17.2700

Protanopia

207.3940, -6.7410, 6.5310

Deuteranopia

208.9520, -8.0720, 14.1360



Tritanopia

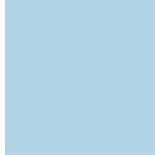
194.1520, -65.3780, -15.6020

Trichromacy



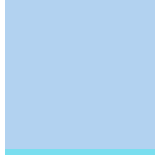
Original Color

194.0980, -65.2860, -17.2700



Protanomaly

202.6900, -28.4260, -2.4580



Deuteranomaly

203.8520, -28.7020, 2.5460



Tritanomaly

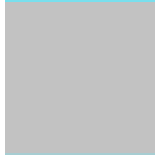
194.0380, -65.0570, -15.9130

Monochromacy



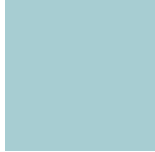
Original Color

194.0980, -65.2860, -17.2700



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.2080, -24.2530, -6.5010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.0980, -65.2860, -17.2700 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(121, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(121, 223, 237)  
}
```

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(121, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 223, 237) }
```

Border

The CSS property to change the border of an element to YIQ 194.0980, -65.2860, -17.2700 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(121, 223, 237) }
```


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

```
.border{ border-color:rgb(121, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 223, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 223, 237); box-shadow:4px 4px 4px 4px rgb(121, 223, 237) }
```

Background

The CSS property to change the background color of an element to YIQ 194.0980, -65.2860, -17.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 223, 237) }
```

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

```
.background{ background-color: rgb(121,  
223, 237) }
```

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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