

Converting Colors

YIQ(181.2540, -65.4250,
-9.2410)

Have a look what the booklet for
YIQ(181.2540, -65.4250, -9.2410)
contains.

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Color

**YIQ(181.2540, -65.4250,
-9.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	71CDEE
RGB	113, 205, 238
RGB Percent	44%, 80%, 93%
CMY	0.5570, 0.1959, 0.0669
CMYK	0.53, 0.14, 0.00, 0.07
HSL	196°, 79%, 69%
HSV	196°, 53%, 93%
XYZ	44.0661, 53.3573, 88.8094
YIQ	181.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

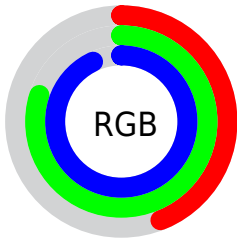
Format	Color
R _Y B	113, 166, 238
Decimal	7458286
CIE Lab	78.09, -18.56, -24.65
CIE LCh	78, 30.854, 233.025
Yxy	53.3573, 0.2366, 0.2865
Android (android.graphics.Color)	4285648366 (0xFF71CDEE)
YUV	181.2540, 27.9758, -59.8588
Hunter-Lab	73.0461, -20.1481, -20.9525

Details

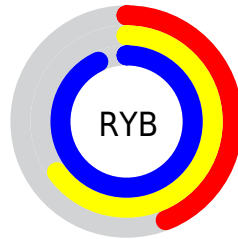
The YIQ color **181.2540, -65.4250, -9.2410** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **169.7460, 65.4250, 9.2410**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, -49.4680, -17.5960**, and **123.7370, -71.3390, -12.1950** is the 20% darker color. If you saturate the color by 10%, you get **170.5560, -78.0790, -11.1910**, and if you desaturate by 10%, it is **191.9520, -52.7710, -7.2910**.

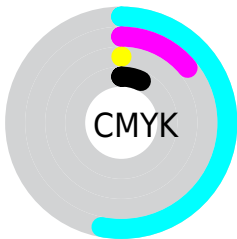
Distribution



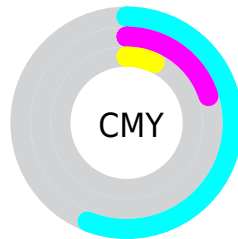
- Red (44%)
- Green (80%)
- Blue (93%)



- Red (44%)
- Yellow (65%)
- Blue (93%)



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2540, -65.4250, -9.2410 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 181.2540, -65.4250, -9.2410 by changing the saturation by 10% instead.

■ 181.2540,
-65.4250, -9.2410

■ 181.2540,
-65.4250, -9.2410

■ 255.0000, -0.0000,
-0.0000

■ 152.9440,
-67.4880, -10.4000

■ 230.1830,
-49.4680, -17.5960

■ 123.7370,
-71.3390, -12.1950

■ 239.1530,
-31.5880, -11.2360

■ 91.0450, -84.1300,
-17.1700

■ 247.8240,
-14.3040, -5.0880

■ 73.4060, -68.9090,
-12.1810

■ 56.4680, -54.2840,
-7.4040

■ 40.2310, -40.2550,
-2.8390

■ 25.1680, -26.7760,

0.6800

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 181.2540,
-65.4250, -9.2410

■ 181.2540,
-65.4250, -9.2410

■ 170.5560,
-78.0790, -11.1910

■ 191.9520,
-52.7710, -7.2910

■ 159.8580,
-90.7330, -13.1410

■ 203.2370,
-40.3920, -5.8640

■ 148.8720,
-102.5160, -14.3560

■ 213.6360,
-28.3340, -4.1260

■ 138.1740,
-115.1700, -16.3060

■ 224.3340,
-15.6800, -2.1760

■ 129.8570,
-124.5230, -17.5070

■ 235.0320, -3.0260,
-0.2260

■ 246.0180, 8.7570,
0.9890

■ 249.5400, 7.1070,
-2.1490

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



178.4740, -63.5890, -20.4930



181.2540, -65.4250, -9.2410



188.5650, -46.7670, 5.0490

Triad

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



181.2540, -65.4250, -9.2410



197.7200, 33.9240, 23.9720



189.2950, 14.4460, -19.5220

Complementary

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



181.2540, -65.4250, -9.2410



169.7460, 65.4250, 9.2410

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.



192.2270, 35.4890, -9.9110



181.2540, -65.4250, -9.2410



196.2080, 46.8090, 16.2250

Square

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



181.2540, -65.4250, -9.2410



197.1550, 10.7700, 25.0900



194.5910, 46.6280, 2.9800



185.5890, -12.9250, -24.5810

Rectangle

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



181.2540, -65.4250, -9.2410



192.8280, -28.1540, 14.6460



194.5910, 46.6280, 2.9800



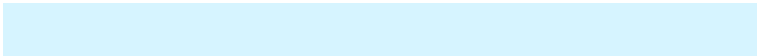
190.1820, 22.1940, -16.7660

Sweetspot

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



181.2540, -65.4250, -9.2410



236.2840, -21.4110, -2.9390



189.9090, -44.3260, -55.7340



116.4160, -12.9750, -1.6390



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.



181.2540, -65.4250, -9.2410



182.2070, -84.4060, -12.1660



145.4470, -48.6500, 22.6620



114.6510, -6.3270, -0.9750



100.2210, -96.1890, -13.3810



30.4510, -29.2510, -4.0270

Inverse Universe

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



160.8630, 44.9680, 55.1120



155.7050, 57.7570, 71.1410



205.5530, 48.6500, -22.6620



112.6140, 4.2630, 5.3430



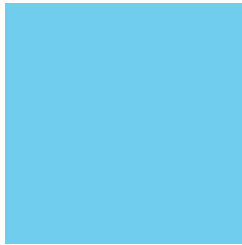
70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 181.2540, -65.4250, -9.2410 looks on a white background.

Color Contrast Check

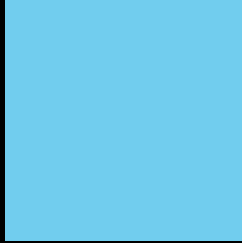
Large Text (above 18pt) WCAG AA × Fail

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 181.2540, -65.4250, -9.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

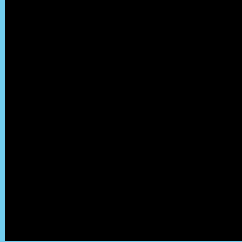
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.2540, -65.4250, -9.2410

Background



This preview shows how black text looks on a background with the YIQ color 181.2540, -65.4250, -9.2410.



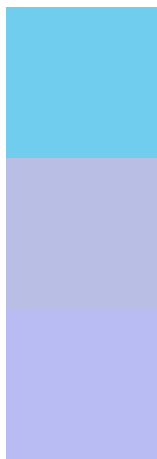
This preview shows how white text looks on a background with the YIQ color 181.2540, -65.4250, -9.2410.

-9.2410.

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

181.2540, -65.4250, -9.2410

Protanopia

192.5380, -15.7740, 10.5460

Deuteranopia

193.2590, -19.1220, 16.1580



Tritanopia

179.3370, -64.4610, -15.7010

Trichromacy



Original Color

181.2540, -65.4250, -9.2410

Protanomaly

188.1550, -33.9290, 3.6630

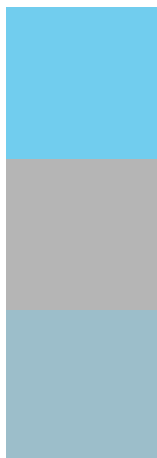
Deuteranomaly

188.8930, -35.9470, 7.1970

Tritanomaly

179.9180, -64.5990, -13.1990

Monochromacy



Original Color

181.2540, -65.4250, -9.2410

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.2020, -24.1160, -3.4760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2540, -65.4250, -9.2410 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(113, 205, 238)` looks like.

```
.text, #text, p{  
    color:rgb(113, 205, 238)  
}
```

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(113, 205, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 205, 238) }
```

Border

The CSS property to change the border of an element to YIQ 181.2540, -65.4250, -9.2410 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(113, 205, 238) }
```


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

```
.border{ border-color:rgb(113, 205, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 205, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 205, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 205, 238);  
box-shadow:4px 4px 4px 4px rgb(113, 205,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2540, -65.4250, -9.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 205, 238) }
```

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

```
.background{ background-color: rgb(113,  
205, 238) }
```

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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