

Converting Colors

YIQ(172.9140, -58.7760,
-14.1040)

Have a look what the booklet for
YIQ(172.9140, -58.7760, -14.1040)
contains.

YIQ(172.9140, -58.7760, -14.1040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.9140, -58.7760,
-14.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC6D6
RGB	108, 198, 214
RGB Percent	42%, 78%, 84%
CMY	0.5767, 0.2234, 0.1610
CMYK	0.50, 0.07, 0.00, 0.16
HSL	189°, 56%, 63%
HSV	189°, 50%, 84%
XYZ	38.5104, 48.4422, 70.8970
YIQ	172.9140, -58.7760, -14.1040

Conversions

Conversions Part 2

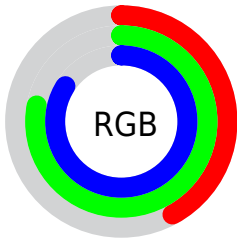
Format	Color
RYB	108, 157, 214
Decimal	7128790
CIELab	75.10, -22.70, -16.27
CIELCh	75, 27.932, 215.636
Yxy	48.4422, 0.2440, 0.3069
Android (android.graphics.Color)	4285318870 (0xFF6CC6D6)
YUV	172.9140, 20.2554, -56.9296
Hunter-Lab	69.6004, -23.0356, -11.6742

Details

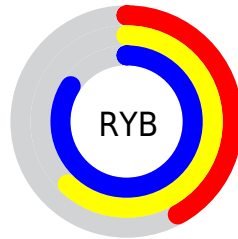
The YIQ color **172.9140, -58.7760, -14.1040** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.0860, 58.7760, 14.1040**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, -53.0440, -18.8680**, and **116.4080, -63.2230, -16.1110** is the 20% darker color. If you saturate the color by 10%, you get **164.8740, -70.4670, -16.9870**, and if you desaturate by 10%, it is **180.9540, -47.0850, -11.2210**.

Distribution



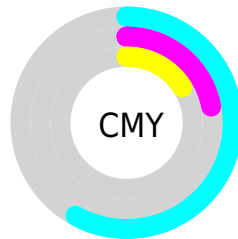
- Red (42%)
- Green (78%)
- Blue (84%)



- Red (42%)
- Yellow (62%)
- Blue (84%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9140, -58.7760, -14.1040 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 172.9140, -58.7760, -14.1040 by changing the saturation by 10% instead.

■ 172.9140,
-58.7760, -14.1040

■ 172.9140,
-58.7760, -14.1040

■ 255.0000, -0.0000,
-0.0000

■ 144.9030,
-60.2430, -15.0510

■ 228.3890,
-53.0440, -18.8680

■ 116.4080,
-63.2230, -16.1110

■ 237.0600,
-35.7600, -12.7200

■ 84.4280, -75.1430,
-20.3510

■ 245.7310,
-18.4760, -6.5720

■ 66.9030, -60.2430,
-15.0510

■ 254.7010, -0.5960,
-0.2120

■ 50.0790, -45.9390,
-9.9630

■ 34.4290, -32.1850,
-5.9210

■ 20.8820, -20.2190,

-2.5150

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 172.9140,
-58.7760, -14.1040

■ 172.9140,
-58.7760, -14.1040

■ 164.8740,
-70.4670, -16.9870

■ 180.9540,
-47.0850, -11.2210

■ 156.5350,
-82.7540, -20.0820

■ 189.2930,
-34.7980, -8.1260

■ 147.9080,
-94.1700, -22.4420

■ 197.9200,
-23.3820, -5.7660

■ 139.5690,
-106.4570, -25.5370

■ 206.2590,
-11.0950, -2.6710

■ 131.5290,
-118.1480, -28.4200

■ 214.2990, 0.5960,
0.2120

■ 131.2300,
-118.7440, -28.6320

■ 222.3390, 12.2870,
3.0950

■ 230.3680, 22.5110,
5.0310

■ 232.1290, 21.6860,
3.4620

■ 233.8900, 20.8610,
1.8930

Harmonies

Analogous

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



173.0430, -46.2580, -20.7060



172.9140, -58.7760, -14.1040



177.2990, -52.1300, -2.3860

Triad

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



172.9140, -58.7760, -14.1040



189.1790, 19.3900, 23.0540



183.3720, 24.7150, -12.8930

Complementary

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



172.9140, -58.7760, -14.1040



149.0860, 58.7760, 14.1040

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.



185.5360, 39.2930, -1.7550



172.9140, -58.7760, -14.1040



188.6400, 36.9050, 19.5050

Square

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



172.9140, -58.7760, -14.1040



188.0820, -5.3220, 19.3660



187.2520, 43.5090, 9.9490



180.1350, 3.2130, -19.6910

Rectangle

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



172.9140, -58.7760, -14.1040



181.5120, -39.2480, 6.4480



187.2520, 43.5090, 9.9490



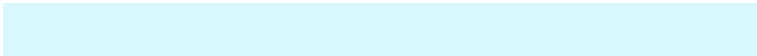
184.0030, 30.3080, -9.6280

Sweetspot

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



172.9140, -58.7760, -14.1040



240.1160, -20.9980, -4.9180



171.8180, -33.6440, -51.0840



118.7750, -12.6080, -2.7840



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.



172.9140, -58.7760, -14.1040



196.6490, -83.0750, -19.7710



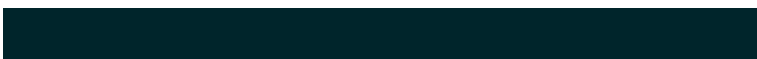
142.9770, -44.7510, 12.5690



102.5370, -6.0060, -1.2860



104.6090, -94.7660, -22.6540



26.6210, -23.9780, -5.9780

Inverse Universe

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



149.9540, 34.2860, 50.4620



164.3280, 48.6330, 71.2970



179.0230, 44.7510, -12.5690



100.3150, 3.6670, 5.1310



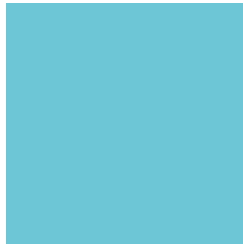
67.6590, 55.3710, 81.3470



17.0750, 13.7510, 20.6230

Previews

White Background



This preview shows how the YIQ color 172.9140, -58.7760, -14.1040 looks on a white background.

Color Contrast Check

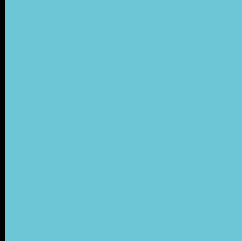
Large Text (above 18pt) WCAG AA × Fail

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 172.9140, -58.7760, -14.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

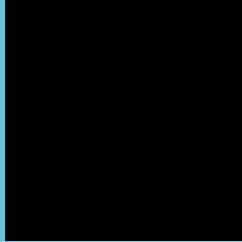
Any Text WCAG AA ✓ Pass

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 172.9140, -58.7760, -14.1040 Background



This preview shows how black text looks on a background with the YIQ color 172.9140, -58.7760, -14.1040.



This preview shows how white text looks on a background with the YIQ color 172.9140, -58.7760, -14.1040.

-14.1040.

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

172.9140, -58.7760, -14.1040

Protanopia

184.7960, -7.9330, 6.1070

Deuteranopia

185.8270, -9.2180, 12.8780



Tritanopia

172.9140, -58.7760, -14.1040

Trichromacy



Original Color

172.9140, -58.7760, -14.1040

Protanomaly

180.1140, -26.6840, -0.9880

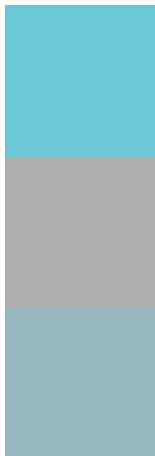
Deuteranomaly

181.4500, -27.5100, 2.9700

Tritanomaly

172.9140, -58.7760, -14.1040

Monochromacy



Original Color

172.9140, -58.7760, -14.1040

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8170, -21.5940, -5.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9140, -58.7760, -14.1040 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(108, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(108, 198, 214)  
}
```

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(108, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 198, 214) }
```

Border

The CSS property to change the border of an element to YIQ 172.9140, -58.7760, -14.1040 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(108, 198, 214) }
```


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

```
.border{ border-color:rgb(108, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(108, 198,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9140, -58.7760, -14.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 198, 214) }
```

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

```
.background{ background-color: rgb(108,  
198, 214) }
```

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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