

Converting Colors

YIQ(178.1200, -62.3520,
-15.3760)

Have a look what the booklet for
YIQ(178.1200, -62.3520, -15.3760)
contains.

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Color

**YIQ(178.1200, -62.3520,
-15.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	6DCDDD
RGB	109, 205, 221
RGB Percent	43%, 80%, 87%
CMY	0.5727, 0.1959, 0.1336
CMYK	0.51, 0.07, 0.00, 0.13
HSL	189°, 62%, 65%
HSV	189°, 51%, 87%
XYZ	41.1831, 52.1466, 76.2550
YIQ	178.1200, -62.3520, -15.3760

Conversions

Conversions Part 2

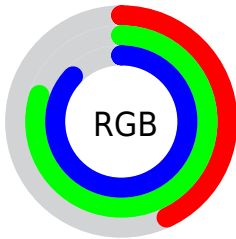
Format	Color
RYB	109, 161, 221
Decimal	7196125
CIELab	77.37, -24.10, -16.63
CIELCh	77, 29.278, 214.610
Yxy	52.1466, 0.2428, 0.3075
Android (android.graphics.Color)	4285386205 (0xFF6DCDDD)
YUV	178.1200, 21.1398, -60.6182
Hunter-Lab	72.2126, -24.5728, -12.0602

Details

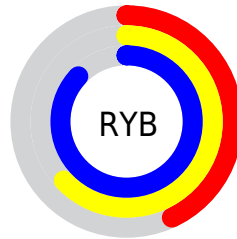
The YIQ color **178.1200, -62.3520, -15.3760** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.8800, 62.3520, 15.3760**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.6880, -52.4480, -18.6560**, and **121.0160, -67.9910, -17.8070** is the 20% darker color. If you saturate the color by 10%, you get **169.7810, -74.6390, -18.4710**, and if you desaturate by 10%, it is **186.4590, -50.0650, -12.2810**.

Distribution



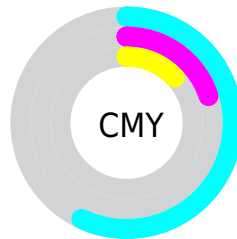
- Red (43%)
- Green (80%)
- Blue (87%)



- Red (43%)
- Yellow (63%)
- Blue (87%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1200, -62.3520, -15.3760 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 178.1200, -62.3520, -15.3760 by changing the saturation by 10% instead.

■ 178.1200,
-62.3520, -15.3760

■ 178.1200,
-62.3520, -15.3760

■ 255.0000, -0.0000,
-0.0000

■ 149.5220,
-63.5440, -15.8000

■ 228.6880,
-52.4480, -18.6560

■ 121.0160,
-67.9910, -17.8070

■ 237.6580,
-34.5680, -12.2960

■ 88.7480, -79.0400,
-21.3120

■ 246.3290,
-17.2840, -6.1480

■ 71.1090, -63.8190,
-16.3230

■ 54.1710, -49.1940,
-11.5460

■ 38.0480, -35.4860,
-6.6700

■ 23.8000, -22.9240,

-3.0520

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 178.1200,
-62.3520, -15.3760

■ 178.1200,
-62.3520, -15.3760

■ 169.7810,
-74.6390, -18.4710

■ 186.4590,
-50.0650, -12.2810

■ 161.4420,
-86.9260, -21.5660

■ 194.7980,
-37.7780, -9.1860

■ 153.1030,
-99.2130, -24.6610

■ 203.1370,
-25.4910, -6.0910

■ 144.7640,
-111.5000, -27.7560

■ 212.0630,
-13.4790, -3.5190

■ 136.7240,
-123.1910, -30.6390

■ 220.4020, -1.1920,
-0.4240

■ 229.0400, 11.6910,
2.8830

■ 234.6880, 18.6140,
4.0700

■ 236.4490, 17.7890,
2.5010

■ 238.2100, 16.9640,
0.9320

Harmonies

Analogous

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



178.6190, -48.0000, -22.1760



178.1200, -62.3520, -15.3760



182.6190, -56.0270, -3.3470

Triad

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



178.1200, -62.3520, -15.3760



196.0050, 19.9400, 24.1000



189.6280, 26.8700, -13.4020

Complementary

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



178.1200, -62.3520, -15.3760



151.8800, 62.3520, 15.3760

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.



191.9060, 41.1270, -1.9530



178.1200, -62.3520, -15.3760



195.0640, 38.6470, 20.9750

Square

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



178.1200, -62.3520, -15.3760



194.4240, -6.2850, 20.2990



193.5620, 45.5720, 11.1080



186.3800, 3.9010, -21.1470

Rectangle

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



178.1200, -62.3520, -15.3760



187.2450, -42.8700, 6.0100



193.5620, 45.5720, 11.1080



190.2590, 32.4630, -10.1370

Sweetspot

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



178.1200, -62.3520, -15.3760



240.7030, -21.2730, -5.4410



176.4540, -35.6150, -53.9110



118.7750, -12.6080, -2.7840



0.0000, 0.0000, 0.0000



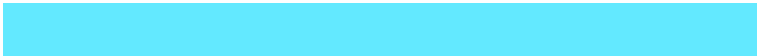
128.0000, -0.0000, -0.0000

Same Dimension

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



178.1200, -62.3520, -15.3760



195.4420, -86.9260, -21.5660



145.8350, -47.2270, 13.3890



105.5370, -6.0060, -1.2860



107.1850, -96.5080, -24.1240



28.1370, -25.4910, -6.0910

Inverse Universe

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



153.4320, 35.9360, 53.6000



160.9200, 49.9620, 74.7460



184.1650, 47.2270, -13.3890



103.3150, 3.6670, 5.1310



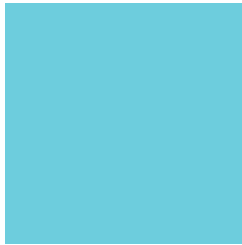
68.7130, 55.2790, 83.0150



18.2000, 14.8970, 21.8810

Previews

White Background



This preview shows how the YIQ color 178.1200, -62.3520, -15.3760 looks on a white background.

Color Contrast Check

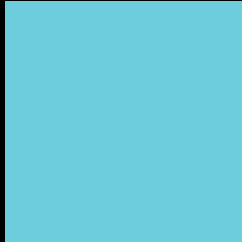
Large Text (above 18pt) WCAG AA × Fail

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 178.1200, -62.3520, -15.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

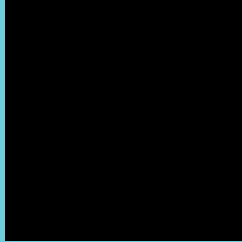
Any Text WCAG AA ✓ Pass

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 178.1200, -62.3520, -15.3760 Background



This preview shows how black text looks on a background with the YIQ color 178.1200, -62.3520, -15.3760.



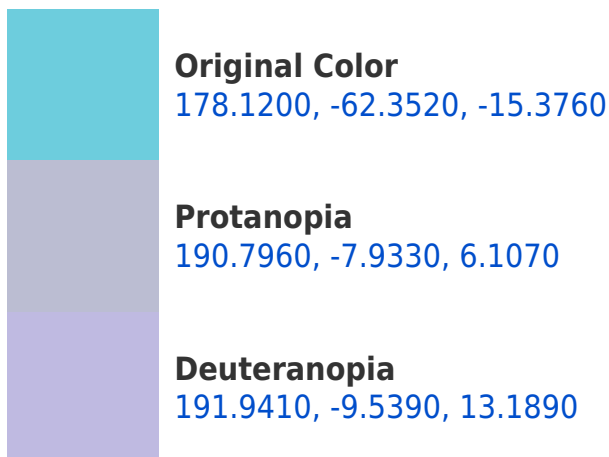
This preview shows how white text looks on a background with the YIQ color 178.1200, -62.3520, -15.3760.

-15.3760.

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





Tritanopia

178.2340, -62.6730, -15.0650

Trichromacy



Original Color

178.1200, -62.3520, -15.3760

Protanomaly

186.4020, -27.5550, -1.7230

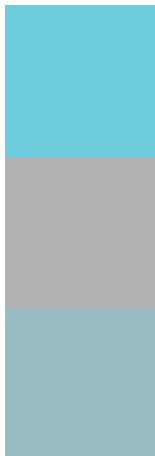
Deuteranomaly

186.9660, -29.0230, 2.8570

Tritanomaly

178.2340, -62.6730, -15.0650

Monochromacy



Original Color

178.1200, -62.3520, -15.3760

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2190, -22.7860, -5.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1200, -62.3520, -15.3760 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(109, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(109, 205, 221)  
}
```

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(109, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 205, 221) }
```

Border

The CSS property to change the border of an element to YIQ 178.1200, -62.3520, -15.3760 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(109, 205, 221) }
```


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

```
.border{ border-color:rgb(109, 205, 221) }
```

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

Here you see how a box with a 4 pixel rgb(109, 205, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(109, 205,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1200, -62.3520, -15.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 205, 221) }
```

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

```
.background{ background-color: rgb(109,  
205, 221) }
```

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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