

Converting Colors

YIQ(203.7500, -37.8230,
-13.8790)

Have a look what the booklet for
YIQ(203.7500, -37.8230, -13.8790)
contains.

YIQ(203.7500, -37.8230, -13.8790)	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(203.7500, -37.8230,
-13.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDFDE
RGB	159, 223, 222
RGB Percent	62%, 87%, 87%
CMY	0.3766, 0.1254, 0.1296
CMYK	0.29, 0.00, 0.00, 0.13
HSL	179°, 50%, 75%
HSV	179°, 29%, 87%
XYZ	53.8649, 65.4286, 78.8705
YIQ	203.7500, -37.8230, -13.8790

Conversions

Conversions Part 2

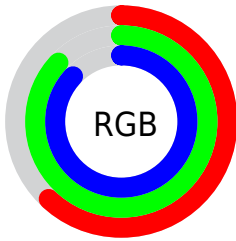
Format	Color
RYB	159, 191, 223
Decimal	10477534
CIELab	84.70, -20.30, -5.99
CIELCh	85, 21.164, 196.439
Yxy	65.4286, 0.2718, 0.3302
Android (android.graphics.Color)	4288667614 (0xFF9FDFDE)
YUV	203.7500, 8.9973, -39.2457
Hunter-Lab	80.8879, -22.6871, -1.1897

Details

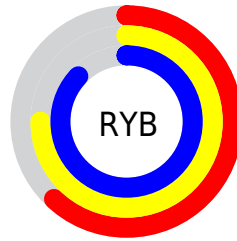
The YIQ color **203.7500, -37.8230, -13.8790** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.2500, 37.8230, 13.8790**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.0400, -23.8400, -8.4800**, and **149.0490, -37.2270, -13.6670** is the 20% darker color. If you saturate the color by 10%, you get **197.1720, -50.9350, -18.5430**, and if you desaturate by 10%, it is **210.3280, -24.7110, -9.2150**.

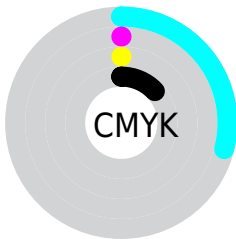
Distribution



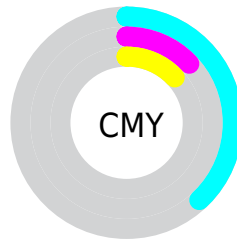
- Red (62%)
- Green (87%)
- Blue (87%)



- Red (62%)
- Yellow (75%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.7500, -37.8230, -13.8790 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 203.7500, -37.8230, -13.8790 by changing the saturation by 10% instead.

■ 203.7500,
-37.8230, -13.8790

■ 203.7500,
-37.8230, -13.8790

■ 255.0000, -0.0000,
-0.0000

■ 176.0490,
-37.2270, -13.6670

■ 243.0400,
-23.8400, -8.4800

■ 149.0490,
-37.2270, -13.6670

■ 251.7110, -6.5560,
-2.3320

■ 122.1630,
-37.5480, -13.3560

■ 96.1630, -37.5480,
-13.3560

■ 70.6680, -40.5280,
-14.4160

■ 46.9670, -39.9320,
-14.2040

■ 30.9580, -26.5450,

-9.0170

■ 17.9980, -14.8540,
-6.1340

■ 0.0000, 0.0000,
0.0000

■ 203.7500,
-37.8230, -13.8790

■ 203.7500,
-37.8230, -13.8790

■ 197.1720,
-50.9350, -18.5430

■ 210.3280,
-24.7110, -9.2150

■ 190.1810,
-64.3220, -23.7300

■ 217.3190,
-11.3240, -4.0280

■ 183.6030,
-77.4340, -28.3940

■ 223.8970, 1.7880,
0.6360

■ 176.9110,
-90.2250, -33.3690

■ 230.4750, 14.9000,
5.3000

■ 170.0340,
-103.9330, -38.2450

■ 232.6820, 18.7510,
7.0950

■ 163.4560,
-117.0450, -42.9090

■ 232.7960, 18.4300,
7.4060

■ 156.7640,
-129.8360, -47.8840

■ 155.8670,
-131.6240, -48.5200

Harmonies

Analogous

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



204.6560, -23.0590, -17.1310



203.7500, -37.8230, -13.8790



205.2260, -41.8590, -6.8110

Triad

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



203.7500, -37.8230, -13.8790



214.5790, 3.3440, 16.4960



211.7950, 28.1980, -4.4260

Complementary

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



203.7500, -37.8230, -13.8790



178.2500, 37.8230, 13.8790

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.



213.3000, 34.3860, 4.5780



203.7500, -37.8230, -13.8790



214.9740, 21.2250, 17.3290

Square

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



203.7500, -37.8230, -13.8790



211.8800, -16.7370, 11.4790



214.7870, 31.8170, 12.5930



209.6250, 13.7570, -12.5390

Rectangle

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



203.7500, -37.8230, -13.8790



207.2530, -37.3210, -0.9450



214.7870, 31.8170, 12.5930



212.3440, 31.0860, -1.6980

Sweetspot

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



203.7500, -37.8230, -13.8790



248.1230, -13.7080, -4.8760



196.8670, -17.0040, -33.2600



123.4010, -8.6190, -3.4910



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.



203.7500, -37.8230, -13.8790



228.8730, -51.5310, -18.7550



185.6670, -29.6190, 2.6450



108.7110, -6.5560, -2.3320



123.0340, -103.9330, -38.2450



33.6480, -28.6080, -10.1760

Inverse Universe

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



178.2500, 37.8230, 13.8790



194.2410, 51.2100, 19.0660



196.3330, 29.6190, -2.6450



104.2890, 6.5560, 2.3320



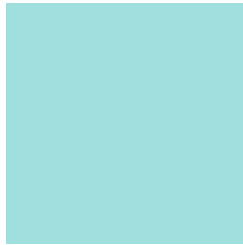
52.9660, 103.9330, 38.2450



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 203.7500, -37.8230, -13.8790 looks on a white background.

Color Contrast Check

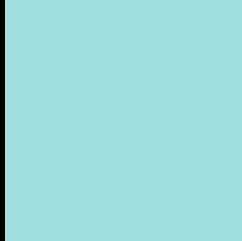
Large Text (above 18pt) WCAG AA × Fail

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 203.7500, -37.8230, -13.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

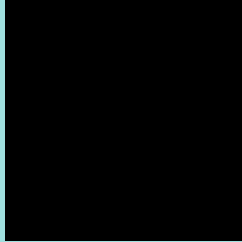
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

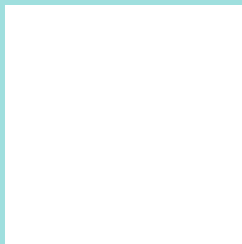
Any Text WCAG AAA ✓ Pass

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

YIQ 203.7500, -37.8230, -13.8790 Background



This preview shows how black text looks on a background with the YIQ color 203.7500, -37.8230, -13.8790.



This preview shows how white text looks on a background with the YIQ color 203.7500, -37.8230, -13.8790.

-13.8790.

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

203.7500, -37.8230, -13.8790

Protanopia

211.3530, 0.5040, 1.8800

Deuteranopia

213.0750, 4.5830, 10.5590



Tritanopia

205.5960, -40.0250, -7.0090

Trichromacy



Original Color

203.7500, -37.8230, -13.8790

Protanomaly

208.6500, -13.7540, -4.0420

Deuteranomaly

209.8940, -11.3250, 1.4990

Tritanomaly

205.2000, -38.9700, -9.6100

Monochromacy



Original Color

203.7500, -37.8230, -13.8790

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7500, -37.8230, -13.8790 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(159, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(159, 223, 222)  
}
```

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(159, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 223, 222) }
```

Border

The CSS property to change the border of an element to YIQ 203.7500, -37.8230, -13.8790 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(159, 223, 222) }
```


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

```
.border{ border-color:rgb(159, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(159, 223,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7500, -37.8230, -13.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 223, 222) }
```

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

```
.background{ background-color: rgb(159,  
223, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor