

Converting Colors

YIQ(200.7380, -37.5490,
-7.8290)

Have a look what the booklet for
YIQ(200.7380, -37.5490, -7.8290)
contains.

YIQ(200.7380, -37.5490, -7.8290)	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(200.7380, -37.5490,
-7.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D8E5
RGB	160, 216, 229
RGB Percent	63%, 85%, 90%
CMY	0.3727, 0.1528, 0.1021
CMYK	0.30, 0.06, 0.00, 0.10
HSL	191°, 57%, 76%
HSV	191°, 30%, 90%
XYZ	53.1899, 62.2490, 83.3109
YIQ	200.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

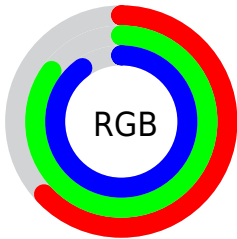
Format	Color
RYB	160, 191, 229
Decimal	10541285
CIELab	83.05, -14.89, -12.16
CIELCh	83, 19.221, 219.240
Yxy	62.2490, 0.2676, 0.3132
Android (android.graphics.Color)	4288731365 (0xFFA0D8E5)
YUV	200.7380, 13.9332, -35.7272
Hunter-Lab	78.8980, -17.7339, -7.3775

Details

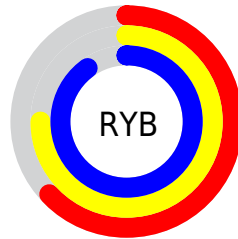
The YIQ color **200.7380, -37.5490, -7.8290** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188.2620, 37.5490, 7.8290**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **146.0370, -36.9530, -7.6170** is the 20% darker color. If you saturate the color by 10%, you get **191.5130, -50.1570, -10.6130**, and if you desaturate by 10%, it is **209.9630, -24.9410, -5.0450**.

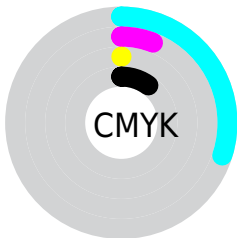
Distribution



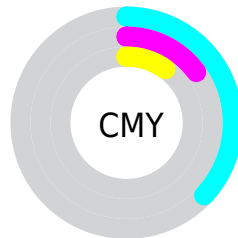
- Red (63%)
- Green (85%)
- Blue (90%)



- Red (63%)
- Yellow (75%)
- Blue (90%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.7380, -37.5490, -7.8290 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 200.7380, -37.5490, -7.8290 by changing the saturation by 10% instead.

■ 200.7380,
-37.5490, -7.8290

■ 200.7380,
-37.5490, -7.8290

■ 255.0000, -0.0000,
-0.0000

■ 173.0370,
-36.9530, -7.6170

■ 243.3390,
-23.2440, -8.2680

■ 146.0370,
-36.9530, -7.6170

■ 252.0100, -5.9600,
-2.1200

■ 119.9230,
-36.6320, -7.9280

■ 93.6240, -37.2280,
-8.1400

■ 68.0150, -39.8870,
-9.5110

■ 44.7160, -40.4830,
-9.7230

■ 29.1800, -27.0500,

-5.3700

■ 15.0460, -14.8090,
-1.4410

■ 0.0000, 0.0000,
0.0000

■ 200.7380,
-37.5490, -7.8290

■ 200.7380,
-37.5490, -7.8290

■ 191.5130,
-50.1570, -10.6130

■ 209.9630,
-24.9410, -5.0450

■ 181.7010,
-62.4900, -12.8740

■ 219.7750,
-12.6080, -2.7840

■ 172.4760,
-75.0980, -15.6580

■ 229.0000, -0.0000,
-0.0000

■ 163.2510,
-87.7060, -18.4420

■ 238.2250, 12.6080,
2.7840

■ 154.0260,
-100.3140, -21.2260

■ 241.4700, 13.2960,
1.3280

■ 144.5130,
-112.0510, -23.2750

■ 244.4050, 11.9210,
-1.2870

■ 135.2880,
-124.6590, -26.0590

■ 246.7530, 10.8210,
-3.3790

■ 249.1010, 9.7210,
-5.4710

■ 252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



199.9850, -31.1750, -13.2150



200.7380, -37.5490, -7.8290



203.2320, -32.8280, 0.2280

Triad

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



200.7380, -37.5490, -7.8290



210.3970, 15.5400, 15.7320



205.2880, 16.3240, -9.5000

Complementary

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



200.7380, -37.5490, -7.8290



188.2620, 37.5490, 7.8290

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.



207.4900, 27.7390, -1.6130



200.7380, -37.5490, -7.8290



209.8620, 27.2320, 13.0880

Square

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



200.7380, -37.5490, -7.8290



209.0730, -1.1030, 14.4890



208.7990, 31.5430, 6.5430



203.7420, 0.1860, -14.3900

Rectangle

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



200.7380, -37.5490, -7.8290



205.4120, -24.3470, 6.2210



208.7990, 31.5430, 6.5430



206.2070, 21.0460, -6.9700

Sweetspot

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



200.7380, -37.5490, -7.8290



245.7750, -12.6080, -2.7840



201.9850, -23.1480, -32.0440



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



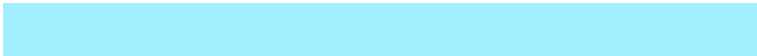
128.0000, -0.0000, -0.0000

Same Dimension

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



200.7380, -37.5490, -7.8290



217.5130, -50.1570, -10.6130



180.7800, -28.1990, 9.9530



110.2380, -6.6020, -1.4980



105.5210, -97.3340, -20.1660



29.8810, -27.6460, -5.5820

Inverse Universe

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



187.0150, 23.1480, 32.0440



199.0580, 30.7570, 42.8290



208.2200, 28.1990, -9.9530



107.7280, 3.9420, 5.6540



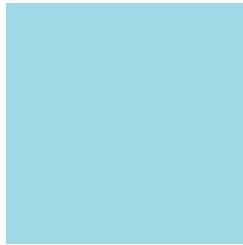
70.0510, 60.1390, 83.0430



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 200.7380, -37.5490, -7.8290 looks on a white background.

Color Contrast Check

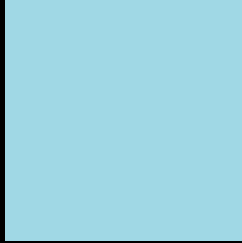
Large Text (above 18pt) WCAG AA × Fail

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 200.7380, -37.5490, -7.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

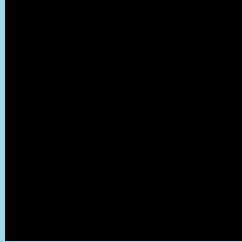
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7380, -37.5490, -7.8290

Background



This preview shows how black text looks on a background with the YIQ color 200.7380, -37.5490, -7.8290.



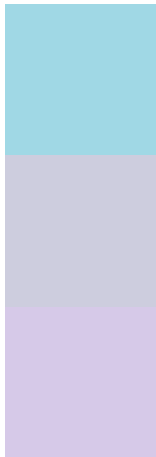
This preview shows how white text looks on a background with the YIQ color 200.7380, -37.5490, -7.8290.

-7.8290.

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

200.7380, -37.5490, -7.8290

Protanopia

206.9380, -5.4570, 5.2870

Deuteranopia

208.4210, -2.2030, 12.3970



Tritanopia

200.9060, -37.9620, -5.8500

Trichromacy



Original Color

200.7380, -37.5490, -7.8290

Protanomaly

204.8440, -17.0560, 0.7360

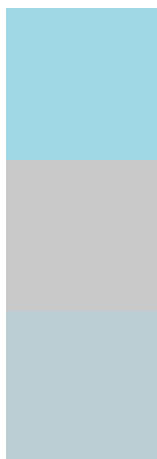
Deuteranomaly

205.2620, -15.1770, 5.2310

Tritanomaly

200.7920, -37.6410, -6.1610

Monochromacy



Original Color

200.7380, -37.5490, -7.8290

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.5900, -13.5250, -2.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7380, -37.5490, -7.8290 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(160, 216, 229)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 229)  
}
```

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(160, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 229) }
```

Border

The CSS property to change the border of an element to YIQ 200.7380, -37.5490, -7.8290 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(160, 216, 229) }
```


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

```
.border{ border-color:rgb(160, 216, 229) }
```

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

Here you see how a box with a 4 pixel rgb(160, 216, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7380, -37.5490, -7.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 229) }
```

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

```
.background{ background-color: rgb(160,  
216, 229) }
```

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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