

Converting Colors

YIQ(193.7200, -47.4470,
-37.7110)

Have a look what the booklet for
YIQ(193.7200, -47.4470, -37.7110)
contains.

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Color

**YIQ(193.7200, -47.4470,
-37.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE7B6
RGB	125, 231, 182
RGB Percent	49%, 91%, 71%
CMY	0.5101, 0.0939, 0.2864
CMYK	0.46, 0.00, 0.21, 0.09
HSL	152°, 69%, 70%
HSV	152°, 46%, 91%
XYZ	45.4748, 64.9071, 54.3667
YIQ	193.7200, -47.4470, -37.7110

Conversions

Conversions Part 2

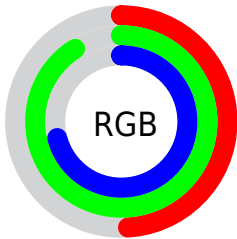
Format	Color
RYB	125, 194, 231
Decimal	8251318
CIELab	84.44, -41.85, 14.50
CIElCh	84, 44.289, 160.892
Yxy	64.9071, 0.2760, 0.3940
Android (android.graphics.Color)	4286441398 (0xFF7DE7B6)
YUV	193.7200, -5.7780, -60.2674
Hunter-Lab	80.5649, -40.2344, 16.3854

Details

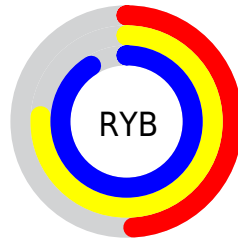
The YIQ color **193.7200, -47.4470, -37.7110** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **162.2800, 47.4470, 37.7110**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2350, -38.0510, -20.7630**, and **137.4640, -49.6020, -37.2020** is the 20% darker color. If you saturate the color by 10%, you get **185.5890, -57.6240, -46.0080**, and if you desaturate by 10%, it is **201.8510, -37.2700, -29.4140**.

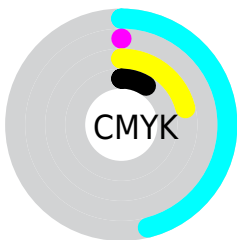
Distribution



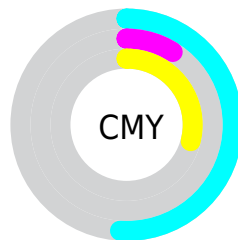
- Red (49%)
- Green (91%)
- Blue (71%)



- Red (49%)
- Yellow (76%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.7200, -47.4470, -37.7110 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 193.7200, -47.4470, -37.7110 by changing the saturation by 10% instead.

■ 193.7200,
-47.4470, -37.7110

■ 193.7200,
-47.4470, -37.7110

■ 255.0000, -0.0000,
-0.0000

■ 165.5350,
-48.3640, -37.6120

■ 231.2350,
-38.0510, -20.7630

■ 137.4640,
-49.6020, -37.2020

■ 241.8440,
-26.2240, -9.3280

■ 108.3000,
-55.0120, -38.2760

■ 250.8140, -8.3440,
-2.9680

■ 80.1470, -58.9550,
-38.4030

■ 62.8500, -44.6970,
-32.4810

■ 45.6670, -30.7600,
-26.2480

■ 29.7720, -17.6940,

-20.7500

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 193.7200,
-47.4470, -37.7110

■ 193.7200,
-47.4470, -37.7110

■ 185.5890,
-57.6240, -46.0080

■ 201.8510,
-37.2700, -29.4140

■ 177.5720,
-68.1220, -53.9940

■ 209.8680,
-26.7720, -21.4280

■ 169.4410,
-78.2990, -62.2910

■ 217.9990,
-16.5950, -13.1310

■ 161.3100,
-88.4760, -70.5880

■ 226.1300, -6.4180,
-4.8340

■ 152.9940,
-99.5700, -78.7860

■ 234.1470, 4.0800,
3.1520

■ 149.7330,
-103.3290, -82.2490

■ 239.8860, 9.4890,
9.7530

■ 240.9120, 6.6000,
12.5520

Harmonies

Analogous

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



201.0550, -2.9740, -34.2220



193.7200, -47.4470, -37.7110



181.5570, -98.1560, -38.3160

Triad

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



193.7200, -47.4470, -37.7110



204.6650, -35.3050, 6.5750



202.8520, 50.3870, 6.4430

Complementary

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



193.7200, -47.4470, -37.7110



162.2800, 47.4470, 37.7110

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.



203.1890, 39.7930, 22.2330



193.7200, -47.4470, -37.7110



213.2130, 4.8550, 27.6630

Square

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



193.7200, -47.4470, -37.7110



189.8820, -82.1130, -15.1770



210.3250, 25.2110, 33.2030



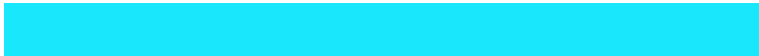
208.1060, 54.8830, -8.9650

Rectangle

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



193.7200, -47.4470, -37.7110



172.3870, -129.7920, -37.6640



210.3250, 25.2110, 33.2030



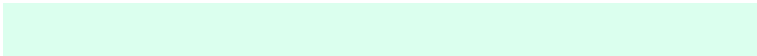
202.4590, 47.3600, 11.7440

Sweetspot

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



193.7200, -47.4470, -37.7110



242.2980, -15.9990, -12.9190



201.8730, 0.0540, -45.0500



120.1680, -9.5810, -8.0850



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.



193.7200, -47.4470, -37.7110



205.7300, -62.5750, -49.8950



197.5450, -62.3510, -20.9030



110.7280, -5.2260, -4.4100



116.0170, -80.0410, -63.7610



33.0150, -22.6920, -18.2760

Inverse Universe

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



162.2800, 47.4470, 37.7110



164.2700, 62.5750, 49.8950



158.4550, 62.3510, 20.9030



107.2720, 5.2260, 4.4100



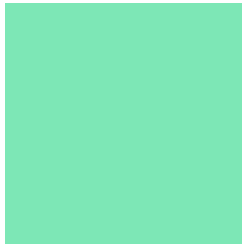
62.9830, 80.0410, 63.7610



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 193.7200, -47.4470, -37.7110 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 193.7200, -47.4470, -37.7110 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 193.7200, -47.4470, -37.7110 Background



This preview shows how black text looks on a background with the YIQ color 193.7200, -47.4470, -37.7110.



This preview shows how white text looks on a background with the YIQ color 193.7200, -47.4470, -37.7110.

-37.7110.

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

193.7200, -47.4470, -37.7110

Protanopia

208.5550, 19.9460, -9.0620

Deuteranopia

210.8690, 25.3540, 3.0660



Tritanopia

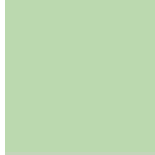
200.2350, -55.2460, -11.9980

Trichromacy



Original Color

193.7200, -47.4470, -37.7110



Protanomaly

203.2420, -4.3980, -19.4220



Deuteranomaly

204.8390, -1.4650, -12.0010



Tritanomaly

198.1070, -52.3100, -21.1580

Monochromacy



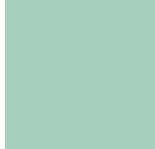
Original Color

193.7200, -47.4470, -37.7110



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.7000, -17.1910, -13.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.7200, -47.4470, -37.7110 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(125, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(125, 231, 182)  
}
```

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(125, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 231, 182) }
```

Border

The CSS property to change the border of an element to YIQ 193.7200, -47.4470, -37.7110 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(125, 231, 182) }
```


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

```
.border{ border-color:rgb(125, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(125, 231,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 193.7200, -47.4470, -37.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 231, 182) }
```

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

```
.background{ background-color: rgb(125,  
231, 182) }
```

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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