

Converting Colors

YIQ(200.0940, -60.6040,
-47.0680)

Have a look what the booklet for
YIQ(200.0940, -60.6040, -47.0680)
contains.

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Color

**YIQ(200.0940, -60.6040,
-47.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	71F7BB
RGB	113, 247, 187
RGB Percent	44%, 97%, 73%
CMY	0.5572, 0.0311, 0.2669
CMYK	0.54, 0.00, 0.24, 0.03
HSL	153°, 89%, 71%
HSV	153°, 54%, 97%
XYZ	49.0407, 73.6463, 58.6164
YIQ	200.0940, -60.6040, -47.0680

Conversions

Conversions Part 2

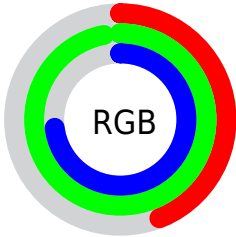
Format	Color
RYB	113, 199, 247
Decimal	7468987
CIELab	88.76, -50.50, 17.91
CIELCh	89, 53.584, 160.469
Yxy	73.6463, 0.2705, 0.4062
Android (android.graphics.Color)	4285659067 (0xFF71F7BB)
YUV	200.0940, -6.4553, -76.3814
Hunter-Lab	85.8174, -48.1761, 19.5750

Details

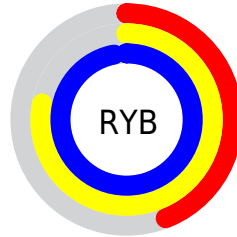
The YIQ color **200.0940, -60.6040, -47.0680** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **159.9060, 60.6040, 47.0680**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1140, -45.0200, -21.1160**, and **140.2610, -68.4440, -48.1560** is the 20% darker color. If you saturate the color by 10%, you get **191.3650, -71.9730, -55.7890**, and if you desaturate by 10%, it is **208.8230, -49.2350, -38.3470**.

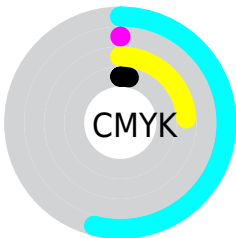
Distribution



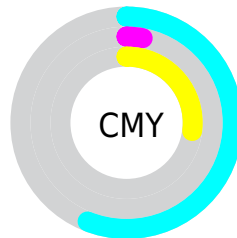
- Red (44%)
- Green (97%)
- Blue (73%)



- Red (44%)
- Yellow (78%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (56%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.0940, -60.6040, -47.0680 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 200.0940, -60.6040, -47.0680 by changing the saturation by 10% instead.

■ 200.0940,
-60.6040, -47.0680

■ 200.0940,
-60.6040, -47.0680

■ 255.0000, -0.0000,
-0.0000

■ 170.4250,
-63.0340, -47.0820

■ 229.1140,
-45.0200, -21.1160

■ 140.2610,
-68.4440, -48.1560

■ 239.4520,
-30.9920, -11.0240

■ 107.4060,
-79.2180, -51.1380

■ 248.4220,
-13.1120, -4.6640

■ 88.8210, -64.0890,
-44.4810

■ 70.8230, -49.2350,
-38.3470

■ 53.6400, -35.2980,
-32.1140

■ 36.5710, -21.6820,

-25.5700

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 200.0940,
-60.6040, -47.0680

■ 200.0940,
-60.6040, -47.0680

■ 191.3650,
-71.9730, -55.7890

■ 208.8230,
-49.2350, -38.3470

■ 182.9350,
-82.7460, -64.2980

■ 217.2530,
-38.4620, -29.8380

■ 174.2060,
-94.1150, -73.0190

■ 225.9820,
-27.0930, -21.1170

■ 165.4770,
-105.4840, -81.7400

■ 234.7110,
-15.7240, -12.3960

■ 160.4930,
-111.5810, -86.8850

■ 243.1410, -4.9510,
-3.8870

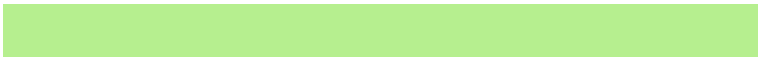
■ 250.0760, 2.8420,
3.5620

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



211.0130, -3.1560, -41.9400



200.0940, -60.6040, -47.0680



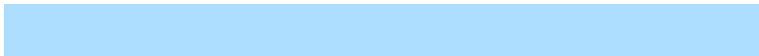
174.1100, -145.7900, -56.1100

Triad

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



200.0940, -60.6040, -47.0680



211.4100, -39.2010, 0.0870



206.4880, 48.4160, 3.6160

Complementary

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



200.0940, -60.6040, -47.0680



159.9060, 60.6040, 47.0680

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.



206.6770, 35.4830, 23.2510



200.0940, -60.6040, -47.0680



223.2800, 11.9160, 26.3480

Square

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



200.0940, -60.6040, -47.0680



184.9330, -113.6540, -32.7740



214.4970, 18.9750, 36.0870



212.8190, 54.0130, -15.2270

Rectangle

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



200.0940, -60.6040, -47.0680



174.6460, -150.0550, -50.3990



214.4970, 18.9750, 36.0870



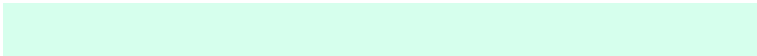
205.2630, 44.9760, 10.8960

Sweetspot

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



200.0940, -60.6040, -47.0680



240.6890, -18.6580, -14.2900



209.5980, -1.0900, -57.3620



119.2710, -11.3690, -8.7210



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.



200.0940, -60.6040, -47.0680



196.9300, -75.1820, -58.2060



202.8250, -77.9390, -24.7470



117.8420, -5.5470, -4.0990



120.9240, -84.2130, -65.2450



38.2810, -26.4970, -20.9050

Inverse Universe

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



159.9060, 60.6040, 47.0680



147.1840, 74.8610, 58.5170



157.1750, 77.9390, 24.7470



114.2720, 5.2260, 4.4100



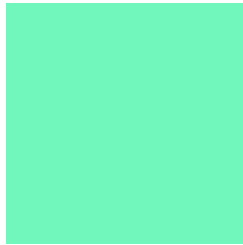
65.0760, 84.2130, 65.2450



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 200.0940, -60.6040, -47.0680 looks on a white background.

Color Contrast Check

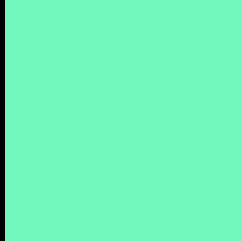
Large Text (above 18pt) WCAG AA × Fail

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 200.0940, -60.6040, -47.0680 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 200.0940, -60.6040, -47.0680 Background



This preview shows how black text looks on a background with the YIQ color 200.0940, -60.6040, -47.0680.



This preview shows how white text looks on a background with the YIQ color 200.0940, -60.6040, -47.0680.

-47.0680.

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

200.0940, -60.6040, -47.0680

Protanopia

219.8280, 23.4310, -11.6490

Deuteranopia

222.4950, 29.3430, 2.3590



Tritanopia

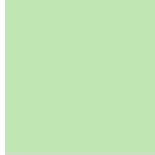
210.3480, -62.9940, -14.7540

Trichromacy



Original Color

200.0940, -60.6040, -47.0680



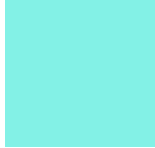
Protanomaly

212.5250, -6.8730, -24.1290



Deuteranomaly

213.9480, -3.3900, -15.6620



Tritanomaly

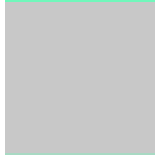
206.8560, -62.0290, -26.7410

Monochromacy



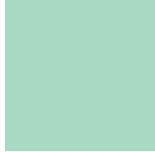
Original Color

200.0940, -60.6040, -47.0680



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

199.8410, -22.1420, -17.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.0940, -60.6040, -47.0680 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(113, 247, 187)` looks like.

```
.text, #text, p{  
    color:rgb(113, 247, 187)  
}
```

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(113, 247, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 247, 187) }
```

Border

The CSS property to change the border of an element to YIQ 200.0940, -60.6040, -47.0680 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(113, 247, 187) }
```


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

```
.border{ border-color:rgb(113, 247, 187) }
```

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

Here you see how a box with a 4 pixel rgb(113, 247, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 247, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 247, 187);  
box-shadow:4px 4px 4px 4px rgb(113, 247,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 200.0940, -60.6040, -47.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 247, 187) }
```

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

```
.background{ background-color: rgb(113,  
247, 187) }
```

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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