

Converting Colors

YIQ(164.1400, -49.0500,
-47.2100)

Have a look what the booklet for
YIQ(164.1400, -49.0500, -47.2100)
contains.

YIQ(164.1400, -49.0500, -47.2100)	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(164.1400, -49.0500,
-47.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	58D08A
RGB	88, 208, 138
RGB Percent	35%, 82%, 54%
CMY	0.6552, 0.1841, 0.4590
CMYK	0.58, 0.00, 0.34, 0.18
HSL	145°, 56%, 58%
HSV	145°, 58%, 82%
XYZ	31.1695, 49.0408, 31.8542
YIQ	164.1400, -49.0500, -47.2100

Conversions

Conversions Part 2

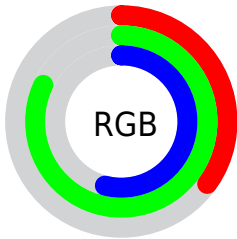
Format	Color
RYB	88, 173, 208
Decimal	5820554
CIELab	75.48, -49.50, 24.95
CIELCh	75, 55.428, 153.249
Yxy	49.0408, 0.2781, 0.4376
Android (android.graphics.Color)	4284010634 (0xFF58D08A)
YUV	164.1400, -12.8870, -66.7748
Hunter-Lab	70.0291, -43.1018, 22.0511

Details

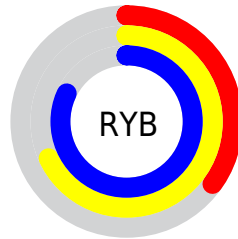
The YIQ color **164.1400, -49.0500, -47.2100** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **131.8600, 49.0500, 47.2100**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.5260, -44.1450, -42.4890**, and **101.8220, -65.8300, -51.4780** is the 20% darker color. If you saturate the color by 10%, you get **156.4930, -57.7140, -55.3940**, and if you desaturate by 10%, it is **171.7870, -40.3860, -39.0260**.

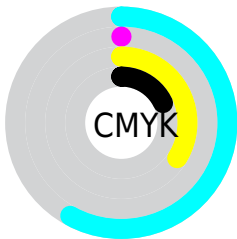
Distribution



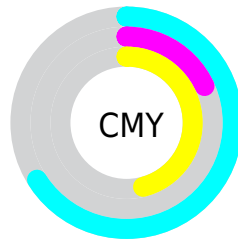
- Red (35%)
- Green (82%)
- Blue (54%)



- Red (35%)
- Yellow (68%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.1400, -49.0500, -47.2100 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 164.1400, -49.0500, -47.2100 by changing the saturation by 10% instead.

■ 164.1400,
-49.0500, -47.2100

■ 164.1400,
-49.0500, -47.2100

■ 255.0000, -0.0000,
-0.0000

■ 135.1720,
-52.0760, -47.4360

■ 215.5260,
-44.1450, -42.4890

■ 101.8220,
-65.8300, -51.4780

■ 227.3890,
-35.8490, -27.6330

■ 81.1440, -54.8730,
-46.3050

■ 239.5510,
-26.9570, -12.5650

■ 63.3740, -40.6610,
-39.5490

■ 249.0200,
-11.9200, -4.2400

■ 46.0770, -26.4030,
-33.6270

■ 29.9370, -14.0250,
-26.6730

■ 16.4360, -7.7000,

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 164.1400,
-49.0500, -47.2100

■ 164.1400,
-49.0500, -47.2100

■ 156.4930,
-57.7140, -55.3940

■ 171.7870,
-40.3860, -39.0260

■ 148.8460,
-66.3780, -63.5780

■ 179.4340,
-31.7220, -30.8420

■ 141.4980,
-74.4460, -71.5500

■ 186.7820,
-23.6540, -22.8700

■ 133.7370,
-82.7890, -80.0450

■ 194.5430,
-15.3110, -14.3750

■ 132.0140,
-85.1270, -81.7270

■ 202.1900, -6.6470,
-6.1910

■ 209.8370, 2.0170,
1.9930

■ 217.4840, 10.6810,
10.1770

■ 224.8320, 18.7490,
18.1490

■ 226.4990, 15.4930,
22.0930

Harmonies

Analogous

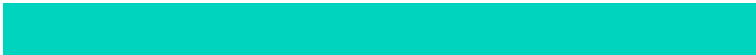
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.1130, 8.3060, -40.4140



164.1400, -49.0500, -47.2100



146.1040, -119.2900, -51.7860

Triad

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



164.1400, -49.0500, -47.2100



171.3970, -72.7170, 1.7710



178.8700, 68.3120, 17.4960

Complementary

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



164.1400, -49.0500, -47.2100



131.8600, 49.0500, 47.2100

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.



180.3470, 54.5080, 36.3960



164.1400, -49.0500, -47.2100



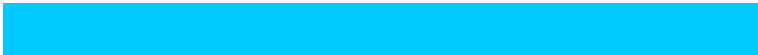
187.7630, -11.1930, 32.1590

Square

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



164.1400, -49.0500, -47.2100



148.2310, -137.6800, -26.8640



190.8460, 34.4700, 47.1260



184.2070, 73.7720, -4.3720

Rectangle

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



164.1400, -49.0500, -47.2100



149.5070, -130.2500, -40.3780



190.8460, 34.4700, 47.1260



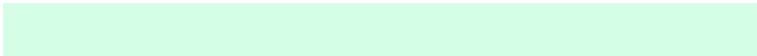
178.2320, 64.5970, 24.2530

Sweetspot

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



164.1400, -49.0500, -47.2100



239.2930, -17.6030, -16.8910



179.9680, 9.9120, -47.4960



118.5160, -10.6810, -10.1770



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.



164.1400, -49.0500, -47.2100



190.6340, -71.8330, -69.3450



170.7520, -67.6680, -29.1720



100.9130, -4.3090, -4.5090



106.5960, -68.6700, -66.0940



26.0050, -16.7320, -16.1560

Inverse Universe

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



131.8600, 49.0500, 47.2100



143.3660, 71.8330, 69.3450



125.2480, 67.6680, 29.1720



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560

Previews

White Background



This preview shows how the YIQ color 164.1400, -49.0500, -47.2100 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 164.1400, -49.0500, -47.2100 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 164.1400, -49.0500, -47.2100 Background



This preview shows how black text looks on a background with the YIQ color 164.1400, -49.0500, -47.2100.



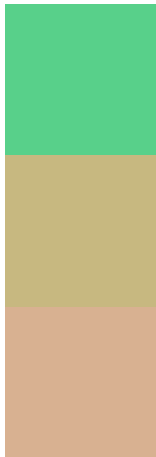
This preview shows how white text looks on a background with the YIQ color 164.1400, -49.0500, -47.2100.

-47.2100.

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

164.1400, -49.0500, -47.2100

Protanopia

182.1010, 26.9160, -14.2360

Deuteranopia

185.0130, 33.5160, -1.6840



Tritanopia

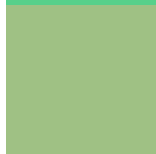
174.2130, -58.1800, -13.8920

Trichromacy



Original Color

164.1400, -49.0500, -47.2100



Protanomaly

175.8800, -0.6830, -26.1790



Deuteranomaly

177.0750, 3.4420, -18.3340



Tritanomaly

170.3900, -54.7850, -25.8650

Monochromacy



Original Color

164.1400, -49.0500, -47.2100



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

163.9940, -18.1990, -17.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1400, -49.0500, -47.2100 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(88, 208, 138)` looks like.

```
.text, #text, p{  
    color:rgb(88, 208, 138)  
}
```

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(88, 208, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 208, 138) }
```

Border

The CSS property to change the border of an element to YIQ 164.1400, -49.0500, -47.2100 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(88, 208, 138) }
```


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

```
.border{ border-color:rgb(88, 208, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 208, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 208, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 208, 138);  
box-shadow:4px 4px 4px 4px rgb(88, 208,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1400, -49.0500, -47.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 208, 138) }
```

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

```
.background{ background-color: rgb(88, 208,  
138) }
```

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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