

Converting Colors

YIQ(198.8010, 61.3100,
-53.8740)

Have a look what the booklet for
YIQ(198.8010, 61.3100, -53.8740)
contains.

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Color

**YIQ(198.8010, 61.3100,
-53.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D927
RGB	224, 217, 39
RGB Percent	88%, 85%, 15%
CMY	0.1217, 0.1490, 0.8466
CMYK	0.00, 0.03, 0.83, 0.12
HSL	58°, 75%, 52%
HSV	58°, 83%, 88%
XYZ	55.9128, 65.6145, 11.6459
YIQ	198.8010, 61.3100, -53.8740

Conversions

Conversions Part 2

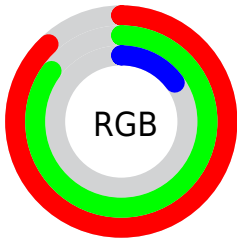
Format	Color
RYB	46, 224, 39
Decimal	14735655
CIELab	84.80, -15.53, 78.86
CIELCh	85, 80.370, 101.142
Yxy	65.6145, 0.4199, 0.4927
Android (android.graphics.Color)	4292925735 (0xFFE0D927)
YUV	198.8010, -78.7819, 22.0995
Hunter-Lab	81.0028, -18.5439, 48.1778

Details

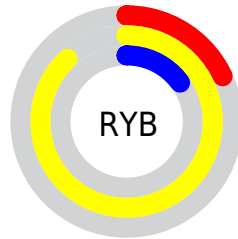
The YIQ color **198.8010, 61.3100, -53.8740** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **64.1990, -61.3100, 53.8740**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.6720, 48.7920, -47.2720**, and **144.7170, 52.9190, -50.4810** is the 20% darker color. If you saturate the color by 10%, you get **195.7060, 68.6470, -60.1930**, and if you desaturate by 10%, it is **202.0100, 53.6520, -47.2440**.

Distribution



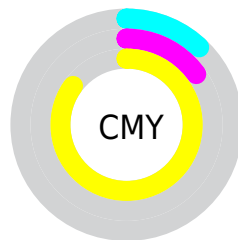
- Red (88%)
- Green (85%)
- Blue (15%)



- Red (18%)
- Yellow (88%)
- Blue (15%)



- Cyan (0%)
- Magenta (3%)
- Yellow (83%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.8010, 61.3100, -53.8740 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 198.8010, 61.3100, -53.8740 by changing the saturation by 10% instead.

198.8010, 61.3100,
-53.8740

198.8010, 61.3100,
-53.8740

255.0000, -0.0000,
-0.0000

168.9490, 63.6490,
-57.7190

237.6720, 48.7920,
-47.2720

144.1300, 53.1940,
-49.9580

240.9780, 39.4830,
-38.2530

120.1970, 43.0600,
-42.5080

244.2840, 30.1740,
-29.2340

97.1500, 33.2470,
-35.3690

247.5900, 20.8650,
-20.2150

74.6900, 23.1590,
-28.7530

250.8960, 11.5560,
-11.1960

53.1160, 13.3920,
-22.4480

254.3160, 1.9260,

32.7270, 4.5420,

-1.8660

-16.2420

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 198.8010, 61.3100,
-53.8740

■ 198.8010, 61.3100,
-53.8740

■ 195.7060, 68.6470,
-60.1930

■ 202.0100, 53.6520,
-47.2440

■ 193.7680, 74.1040,
-65.4800

■ 205.1050, 46.3150,
-40.9250

■ 208.2000, 38.9780,
-34.6060

■ 210.8220, 31.5950,
-27.4530

■ 213.9170, 24.2580,
-21.1340

■ 217.0120, 16.9210,
-14.8150

■ 220.2210, 9.2630,
-8.1850

■ 223.3160, 1.9260,
-1.8660

■ 226.5250, -5.7320,
4.7640

Harmonies

Analogous

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



194.3870, 81.1120, -27.2720



198.8010, 61.3100, -53.8740



189.8370, -9.4330, -65.8570

Triad

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



198.8010, 61.3100, -53.8740



172.8850, -149.2300, -48.8300



192.1910, 29.4250, 55.9610

Complementary

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



198.8010, 61.3100, -53.8740



64.1990, -61.3100, 53.8740

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.



209.4910, 19.1120, 39.1120



198.8010, 61.3100, -53.8740



165.8410, -145.9300, -42.5540

Square

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



198.8010, 61.3100, -53.8740



172.8220, -144.9190, -55.3750



184.3220, -77.3000, -8.7880



179.0420, 54.0490, 39.2090

Rectangle

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



198.8010, 61.3100, -53.8740



166.7130, -91.4090, -78.0090



184.3220, -77.3000, -8.7880



197.4740, 26.9500, 51.2540

Sweetspot

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



198.8010, 61.3100, -53.8740



246.5300, 21.0940, -18.8580



95.3410, 107.3710, 42.0190



122.3800, 13.0690, -11.0830



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.



198.8010, 61.3100, -53.8740



220.4020, 83.6420, -73.1420



178.0930, 9.9170, -75.1310



110.7460, 3.5310, -3.4210



151.8270, 58.4210, -51.0750



41.9410, 15.6830, -14.4050

Inverse Universe

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



64.1990, -61.3100, 53.8740



37.0110, -83.3670, 73.6650



84.9070, -9.9170, 75.1310



102.2540, -3.5310, 3.4210



24.1730, -58.4210, 51.0750



6.6460, -15.9580, 13.8820

Previews

White Background



This preview shows how the YIQ color 198.8010, 61.3100, -53.8740 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 198.8010, 61.3100, -53.8740 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 198.8010, 61.3100, -53.8740

Background



This preview shows how black text looks on a background with the YIQ color 198.8010, 61.3100, -53.8740.



This preview shows how white text looks on a background with the YIQ color 198.8010, 61.3100,

-53.8740.

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

198.8010, 61.3100, -53.8740

Protanopia

199.9380, 71.3500, -48.6020

Deuteranopia

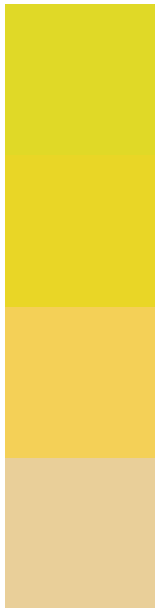
208.5160, 59.2400, -16.3440



Tritanopia

214.5880, 16.3200, 12.6080

Trichromacy



Original Color

198.8010, 61.3100, -53.8740

Protanomaly

199.6170, 67.8200, -50.7080

Deuteranomaly

204.9700, 60.2970, -29.9990

Tritanomaly

208.6180, 32.8300, -11.2820

Monochromacy



Original Color

198.8010, 61.3100, -53.8740

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1880, 22.0570, -19.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8010, 61.3100, -53.8740 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(224, 217, 39)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 39)  
}
```

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(224, 217, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 39) }
```

Border

The CSS property to change the border of an element to YIQ 198.8010, 61.3100, -53.8740 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(224, 217, 39) }
```


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

```
.border{ border-color:rgb(224, 217, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 39);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8010, 61.3100, -53.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 39) }
```

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

```
.background{ background-color: rgb(224,  
217, 39) }
```

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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