

Converting Colors

YIQ(178.5170, 57.4990,
-23.3410)

Have a look what the booklet for
YIQ(178.5170, 57.4990, -23.3410)
contains.

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Color

**YIQ(178.5170, 57.4990,
-23.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB24B
RGB	219, 178, 75
RGB Percent	86%, 70%, 29%
CMY	0.1411, 0.3020, 0.7056
CMYK	0.00, 0.19, 0.66, 0.14
HSL	43°, 67%, 58%
HSV	43°, 66%, 86%
XYZ	46.4056, 47.4043, 13.3748
YIQ	178.5170, 57.4990, -23.3410

Conversions

Conversions Part 2

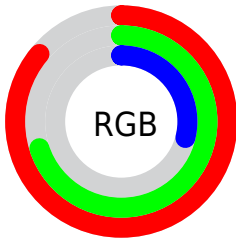
Format	Color
R _{YB}	132, 219, 75
Decimal	14398027
CIE Lab	74.45, 3.85, 56.52
CIE LCh	74, 56.656, 86.100
Yxy	47.4043, 0.4329, 0.4423
Android (android.graphics.Color)	4292588107 (0xFFDDBB24B)
YUV	178.5170, -51.0339, 35.5036
Hunter-Lab	68.8508, -0.1794, 36.6780

Details

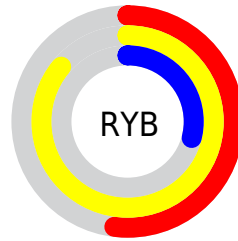
The YIQ color **178.5170, 57.4990, -23.3410** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **115.4830, -57.4990, 23.3410**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6080, 46.8170, -27.9910**, and **123.8540, 54.9320, -26.3800** is the 20% darker color. If you saturate the color by 10%, you get **172.4870, 66.2110, -27.0450**, and if you desaturate by 10%, it is **184.5470, 48.7870, -19.6370**.

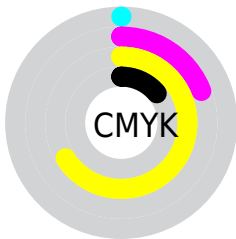
Distribution



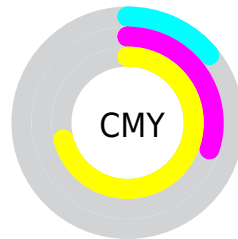
- Red (86%)
- Green (70%)
- Blue (29%)



- Red (52%)
- Yellow (86%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.5170, 57.4990, -23.3410 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 178.5170, 57.4990, -23.3410 by changing the saturation by 10% instead.

■ 178.5170, 57.4990,
-23.3410

■ 178.5170, 57.4990,
-23.3410

■ 255.0000, -0.0000,
-0.0000

■ 150.6200, 55.7110,
-23.9770

■ 227.6080, 46.8170,
-27.9910

■ 123.8540, 54.9320,
-26.3800

■ 243.6000, 32.1000,
-31.1000

■ 98.7550, 50.8970,
-24.8390

■ 246.7920, 23.1120,
-22.3920

■ 76.2950, 40.8090,
-18.2230

■ 249.9840, 14.1240,
-13.6840

■ 55.3080, 30.7670,
-12.4410

■ 253.2900, 4.8150,
-4.6650

■ 35.2070, 21.0460,
-6.9700

■ 15.1170, 12.7920,

-0.5520

■ 0.0000, 0.0000,
0.0000

■ 178.5170, 57.4990,
-23.3410

■ 178.5170, 57.4990,
-23.3410

■ 172.4870, 66.2110,
-27.0450

■ 184.5470, 48.7870,
-19.6370

■ 166.4570, 74.9230,
-30.7490

■ 190.5770, 40.0750,
-15.9330

■ 159.8400, 83.9100,
-33.9300

■ 197.1940, 31.0880,
-12.7520

■ 157.6400, 87.3490,
-35.6830

■ 203.2240, 22.3760,
-9.0480

■ 209.2540, 13.6640,
-5.3440

■ 215.1700, 5.2730,
-1.9510

■ 221.7870, -3.7140,
1.2300

■ 227.8170,
-12.4260, 4.9340

■ 231.9090,
-15.6810, 3.3510

Harmonies

Analogous

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



180.7500, 76.7970, 1.3810



178.5170, 57.4990, -23.3410



173.8000, 19.4930, -39.4110

Triad

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



178.5170, 57.4990, -23.3410



148.5610, -130.3420, -38.7100



188.8710, 24.1540, 46.8580

Complementary

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



178.5170, 57.4990, -23.3410



115.4830, -57.4990, 23.3410

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.



182.3590, -24.8550, 26.4490



178.5170, 57.4990, -23.3410



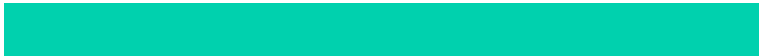
148.2310, -137.6800, -26.8640

Square

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



178.5170, 57.4990, -23.3410



142.5190, -113.3290, -55.1930



157.6320, -101.6000, -8.9280



179.7260, 52.1230, 41.0750

Rectangle

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



178.5170, 57.4990, -23.3410



168.2720, -14.2510, -44.6110



157.6320, -101.6000, -8.9280



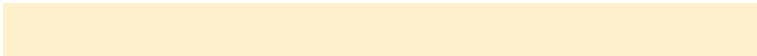
188.4930, 7.6030, 43.9470

Sweetspot

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



178.5170, 57.4990, -23.3410



240.3810, 20.4960, -8.0160



122.9580, 72.0210, 43.9010



119.1830, 12.4260, -4.9340



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.



178.5170, 57.4990, -23.3410



198.6270, 80.1960, -32.7000



193.9130, 28.9400, -50.9320



106.9850, 4.3560, -1.8520



124.5150, 69.0080, -28.1760



33.1250, 18.3410, -7.5070

Inverse Universe

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



115.4830, -57.4990, 23.3410



110.3730, -80.1960, 32.7000



100.0870, -28.9400, 50.9320



102.0150, -4.3560, 1.8520



48.4850, -69.0080, 28.1760



12.8750, -18.3410, 7.5070

Previews

White Background



This preview shows how the YIQ color 178.5170, 57.4990, -23.3410 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 178.5170, 57.4990, -23.3410 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 178.5170, 57.4990, -23.3410

Background



This preview shows how black text looks on a background with the YIQ color 178.5170, 57.4990, -23.3410.



This preview shows how white text looks on a background with the YIQ color 178.5170, 57.4990, -23.3410.

-23.3410.

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

178.5170, 57.4990, -23.3410

Protanopia

177.7820, 46.2670, -29.0370

Deuteranopia

178.9740, 63.6420, -19.0300



Tritanopia

186.4220, 31.5870, 16.7630

Trichromacy



Original Color

178.5170, 57.4990, -23.3410

Protanomaly

177.9890, 50.1180, -27.2420

Deuteranomaly

178.6640, 61.5790, -20.1890

Tritanomaly

183.5410, 40.8970, 2.2170

Monochromacy



Original Color

178.5170, 57.4990, -23.3410

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1530, 21.1380, -8.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.5170, 57.4990, -23.3410 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(219, 178, 75)` looks like.

```
.text, #text, p{  
    color:rgb(219, 178, 75)  
}
```

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(219, 178, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 178, 75) }
```

Border

The CSS property to change the border of an element to YIQ 178.5170, 57.4990, -23.3410 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(219, 178, 75) }
```


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

```
.border{ border-color:rgb(219, 178, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 178, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 178, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 178, 75);  
box-shadow:4px 4px 4px 4px rgb(219, 178,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 178.5170, 57.4990, -23.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 178, 75) }
```

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

```
.background{ background-color: rgb(219,  
178, 75) }
```

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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