

Converting Colors

YIQ(203.4750, -12.6040,
-24.8920)

Have a look what the booklet for
YIQ(203.4750, -12.6040, -24.8920)
contains.

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Color

**YIQ(203.4750, -12.6040,
-24.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DFAF
RGB	176, 223, 175
RGB Percent	69%, 87%, 69%
CMY	0.3099, 0.1254, 0.3137
CMYK	0.21, 0.00, 0.22, 0.13
HSL	119°, 43%, 78%
HSV	119°, 22%, 87%
XYZ	52.0268, 65.1068, 50.3805
YIQ	203.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

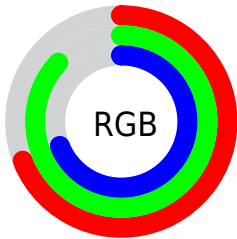
Format	Color
RYB	175, 223, 222
Decimal	11591599
CIELab	84.54, -24.35, 18.65
CIElCh	85, 30.671, 142.545
Yxy	65.1068, 0.3106, 0.3887
Android (android.graphics.Color)	4289781679 (0xFFB0DFAF)
YUV	203.4750, -14.0382, -24.0956
Hunter-Lab	80.6888, -26.1114, 19.4626

Details

The YIQ color **203.4750, -12.6040, -24.8920** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194.5250, 12.6040, 24.8920**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.3870, -6.0040, -12.3400**, and **149.3010, -12.0540, -23.8460** is the 20% darker color. If you saturate the color by 10%, you get **194.3890, -18.6540, -36.3980**, and if you desaturate by 10%, it is **212.5610, -6.5540, -13.3860**.

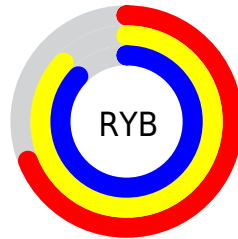
Distribution



Red (69%)

Green (87%)

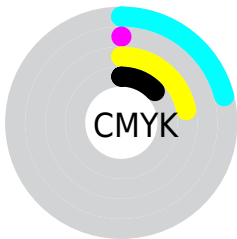
Blue (69%)



Red (69%)

Yellow (87%)

Blue (87%)

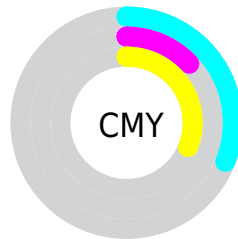


Cyan (21%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4750, -12.6040, -24.8920 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 203.4750, -12.6040, -24.8920 by changing the saturation by 10% instead.

■ 203.4750,
-12.6040, -24.8920

■ 203.4750,
-12.6040, -24.8920

■ 255.0000, -0.0000,
-0.0000

■ 175.8880,
-12.3290, -24.3690

■ 245.3870, -6.0040,
-12.3400

■ 149.3010,
-12.0540, -23.8460

■ 122.8280,
-12.1000, -23.0120

■ 97.3550, -12.1460,
-22.1780

■ 73.4690, -12.4670,
-21.8670

■ 49.8110, -13.4300,
-20.9340

■ 26.3980, -13.7050,

-21.4570

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 203.4750,
-12.6040, -24.8920

■ 203.4750,
-12.6040, -24.8920

■ 194.3890,
-18.6540, -36.3980

■ 212.5610, -6.5540,
-13.3860

■ 185.1890,
-24.3830, -48.2150

■ 221.7610, -0.8250,
-1.5690

■ 176.1030,
-30.4330, -59.7210

■ 230.8470, 5.2250,
9.9370

■ 167.3160,
-35.8870, -71.0150

■ 236.2160, 8.8000,
16.7360

■ 158.1160,
-41.6160, -82.8320

■ 149.0300,
-47.6660, -94.3380

■ 139.9440,
-53.7160, -105.8440

■ 132.0970,
-58.9410, -115.7810

Harmonies

Analogous

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



207.1810, 14.7670, -19.8330



203.4750, -12.6040, -24.8920



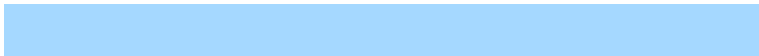
199.6320, -40.8470, -25.1590

Triad

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



203.4750, -12.6040, -24.8920



205.1970, -42.9150, 1.3170



210.0220, 38.4650, 13.2570

Complementary

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



203.4750, -12.6040, -24.8920



194.5250, 12.6040, 24.8920

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.



212.7410, 29.4310, 22.7990



203.4750, -12.6040, -24.8920



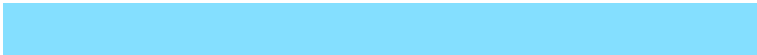
211.5860, -15.7290, 15.2390

Square

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



203.4750, -12.6040, -24.8920



199.4390, -64.5080, -9.3400



215.2690, 10.4490, 25.4010



210.8080, 44.5190, 2.6550

Rectangle

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



203.4750, -12.6040, -24.8920



197.1280, -56.8030, -22.3310



215.2690, 10.4490, 25.4010



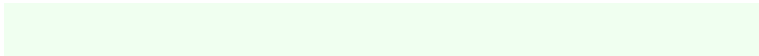
210.5750, 35.5300, 16.8900

Sweetspot

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



203.4750, -12.6040, -24.8920



248.8050, -4.1250, -7.8450



216.3540, 15.9580, -13.8820



124.2830, -2.4750, -4.7070



0.0000, 0.0000, 0.0000



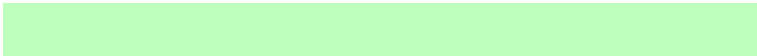
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203.4750, -12.6040, -24.8920



228.0410, -17.5540, -34.3060



205.6840, -20.2620, -18.2620



107.4570, -3.0250, -5.7530



104.5080, -46.0160, -91.2000



28.4750, -12.6040, -24.8920

Inverse Universe

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



194.5250, 12.6040, 24.8920



215.9590, 17.5540, 34.3060



192.3160, 20.2620, 18.2620



105.5430, 3.0250, 5.7530



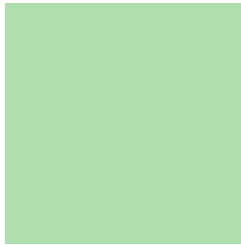
71.4920, 46.0160, 91.2000



19.5250, 12.6040, 24.8920

Previews

White Background



This preview shows how the YIQ color 203.4750, -12.6040, -24.8920 looks on a white background.

Color Contrast Check

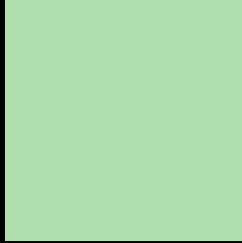
Large Text (above 18pt) WCAG AA × Fail

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 203.4750, -12.6040, -24.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

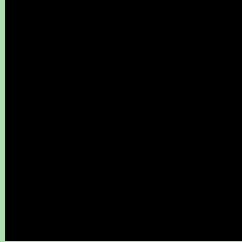
Any Text WCAG AA ✓ Pass

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 203.4750, -12.6040, -24.8920 Background



This preview shows how black text looks on a background with the YIQ color 203.4750, -12.6040, -24.8920.



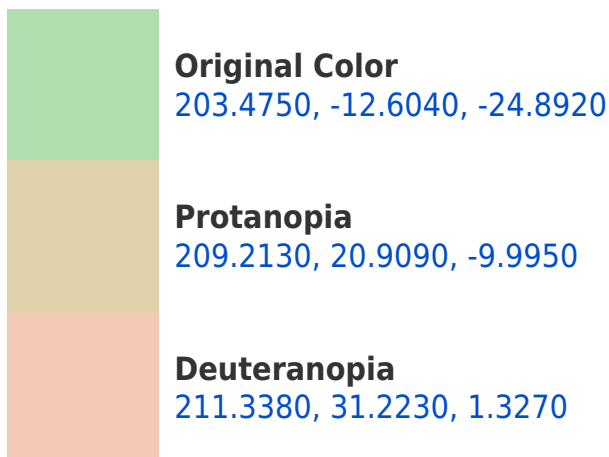
This preview shows how white text looks on a background with the YIQ color 203.4750, -12.6040, -24.8920.

-24.8920.

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





Tritanopia

208.2670, -22.7410, -0.8610

Trichromacy



Original Color

203.4750, -12.6040, -24.8920

Protanomaly

207.2930, 8.7600, -15.5920

Deuteranomaly

208.7440, 15.0400, -8.2560

Tritanomaly

206.4380, -19.2090, -9.8090

Monochromacy



Original Color

203.4750, -12.6040, -24.8920

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9790, -4.6750, -8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4750, -12.6040, -24.8920 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(176, 223, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 223, 175)  
}
```

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(176, 223, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 223, 175) }
```

Border

The CSS property to change the border of an element to YIQ 203.4750, -12.6040, -24.8920 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(176, 223, 175) }
```


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

```
.border{ border-color:rgb(176, 223, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 223, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 223, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 223, 175); box-shadow:4px 4px 4px 4px rgb(176, 223, 175) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4750, -12.6040, -24.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 223, 175) }
```

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

```
.background{ background-color: rgb(176,  
223, 175) }
```

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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