

Converting Colors

YIQ(172.5250, 20.6310, 6.0630)

Have a look what the booklet for
YIQ(172.5250, 20.6310, 6.0630)
contains.

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Color

**YIQ(172.5250, 20.6310,
6.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A3A0
RGB	196, 163, 160
RGB Percent	77%, 64%, 63%
CMY	0.2313, 0.3608, 0.3725
CMYK	0.00, 0.17, 0.18, 0.23
HSL	5°, 23%, 70%
HSV	5°, 18%, 77%
XYZ	42.2118, 40.4667, 38.8536
YIQ	172.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

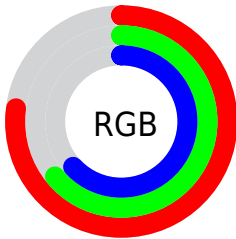
Format	Color
RYB	196, 163, 160
Decimal	12886944
CIELab	69.80, 11.65, 6.07
CIElCh	70, 13.136, 27.543
Yxy	40.4667, 0.3473, 0.3330
Android (android.graphics.Color)	4291077024 (0xFFC4A3A0)
YUV	172.5250, -6.1748, 20.5876
Hunter-Lab	63.6134, 7.1234, 8.3164

Details

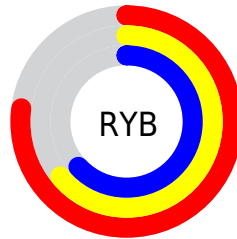
The YIQ color **172.5250, 20.6310, 6.0630** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.4750, -20.6310, -6.0630**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1230, 21.8230, 6.4870**, and **120.0410, 19.1180, 5.9500** is the 20% darker color. If you saturate the color by 10%, you get **159.6790, 32.0010, 9.2570**, and if you desaturate by 10%, it is **185.3710, 9.2610, 2.8690**.

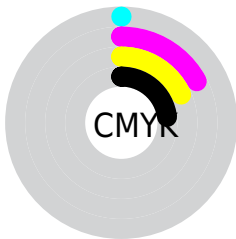
Distribution



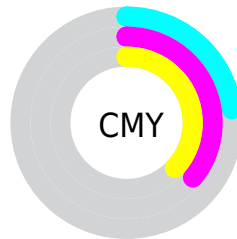
- Red (77%)
- Green (64%)
- Blue (63%)



- Red (77%)
- Yellow (64%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.5250, 20.6310, 6.0630 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 172.5250, 20.6310, 6.0630 by changing the saturation by 10% instead.


 172.5250, 20.6310,
6.0630


 172.5250, 20.6310,
6.0630


255.0000, -0.0000,
-0.0000


 146.2260, 20.0350,
5.8510


 228.1230, 21.8230,
6.4870


 120.0410, 19.1180,
5.9500

 248.3490, 6.3270,
0.9750

 95.3290, 18.2470,
5.2150

 71.1440, 17.3300,
5.3140

 48.5460, 16.1380,
4.8900

 27.6490, 14.3500,
4.2540

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 172.5250, 20.6310,
6.0630

■ 172.5250, 20.6310,
6.0630

■ 159.6790, 32.0010,
9.2570

■ 185.3710, 9.2610,
2.8690

■ 146.9470, 43.0500,
12.7620

■ 198.1030, -1.7880,
-0.6360

■ 134.1010, 54.4200,
15.9560

■ 210.9490,
-13.1580, -3.8300

■ 121.3690, 65.4690,
19.4610

■ 223.6810,
-24.2070, -7.3350

■ 108.5230, 76.8390,
22.6550

■ 236.1850,
-34.6140, -11.4620

■ 95.6770, 88.2090,
25.8490

■ 237.3590,
-35.1640, -12.5080

■ 82.9450, 99.2580,
29.3540

■ 70.0990, 110.6280,
32.5480

■ 67.9960, 112.4160,
33.1840

Harmonies

Analogous

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



173.2950, 15.5870, 9.3710



172.5250, 20.6310, 6.0630



171.7650, 19.7150, 0.6350

Triad

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



172.5250, 20.6310, 6.0630



167.5550, -6.4170, -10.3610



170.0230, -16.0020, 3.6620

Complementary

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



172.5250, 20.6310, 6.0630



183.4750, -20.6310, -6.0630

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.



167.7400, -22.6950, -1.6950



172.5250, 20.6310, 6.0630



166.8080, -17.3750, -10.0070

Square

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



172.5250, 20.6310, 6.0630



168.7690, 4.7240, -8.5240



166.3930, -23.3360, -6.6000



171.9320, -5.3200, 8.3120

Rectangle

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



172.5250, 20.6310, 6.0630



170.8030, 16.5520, -2.6160



166.3930, -23.3360, -6.6000



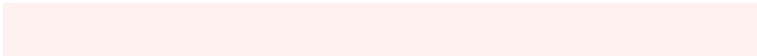
169.0010, -18.9360, 1.7680

Sweetspot

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



172.5250, 20.6310, 6.0630



245.0720, 8.6650, 2.6570



174.6400, 10.5420, 18.2060



121.6910, 5.3640, 1.9080



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.



172.5250, 20.6310, 6.0630



218.6790, 32.0010, 9.2570



182.5040, 15.9560, -2.8280



90.5770, 5.6850, 1.5970



55.7700, 92.3810, 27.3330



11.6280, 18.8430, 5.4270

Inverse Universe

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



183.4750, -20.6310, -6.0630



235.3210, -32.0010, -9.2570



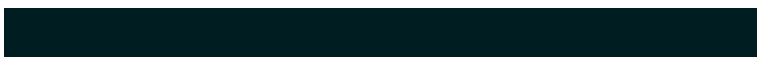
173.4960, -15.9560, 2.8280



93.4230, -5.6850, -1.5970



104.6430, -92.1060, -26.8100



21.3720, -18.8430, -5.4270

Previews

White Background



This preview shows how the YIQ color 172.5250, 20.6310, 6.0630 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 172.5250, 20.6310, 6.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

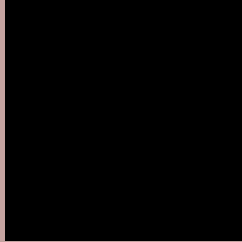
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.5250, 20.6310, 6.0630

Background



This preview shows how black text looks on a background with the YIQ color 172.5250, 20.6310, 6.0630.



This preview shows how white text looks on a background with the YIQ color 172.5250, 20.6310,

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

172.5250, 20.6310, 6.0630

Protanopia

170.8110, 4.9060, -0.8060

Deuteranopia

172.2040, 17.1010, 3.9570



Tritanopia

173.4310, 18.2000, 11.5760

Trichromacy



Original Color

172.5250, 20.6310, 6.0630

Protanomaly

171.3280, 10.8200, 2.1480

Deuteranomaly

172.2150, 18.5680, 4.9040

Tritanomaly

173.1490, 18.9340, 9.2860

Monochromacy



Original Color

172.5250, 20.6310, 6.0630

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.4740, 7.4730, 2.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5250, 20.6310, 6.0630 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(196, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 160)  
}
```

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(196, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 160) }
```

Border

The CSS property to change the border of an element to YIQ 172.5250, 20.6310, 6.0630 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(196, 163, 160) }
```


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

```
.border{ border-color:rgb(196, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5250, 20.6310, 6.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 160) }
```

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

```
.background{ background-color: rgb(196,  
163, 160) }
```

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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