

Converting Colors

YIQ(172.2160, 24.8540,
-20.9220)

Have a look what the booklet for
YIQ(172.2160, 24.8540, -20.9220)
contains.

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Color

**YIQ(172.2160, 24.8540,
-20.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B36D
RGB	183, 179, 109
RGB Percent	72%, 70%, 43%
CMY	0.2824, 0.2980, 0.5724
CMYK	0.00, 0.02, 0.40, 0.28
HSL	57°, 34%, 57%
HSV	57°, 40%, 72%
XYZ	38.4085, 43.4106, 20.8337
YIQ	172.2160, 24.8540, -20.9220

Conversions

Conversions Part 2

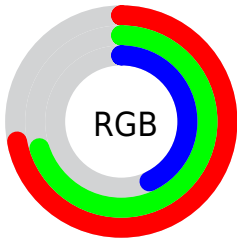
Format	Color
R _Y B	113, 183, 109
Decimal	12039021
CIE Lab	71.83, -8.93, 36.19
CIE LCh	72, 37.274, 103.865
Yxy	43.4106, 0.3742, 0.4229
Android (android.graphics.Color)	4290229101 (0xFFB7B36D)
YUV	172.2160, -31.1655, 9.4576
Hunter-Lab	65.8867, -11.2457, 27.3729

Details

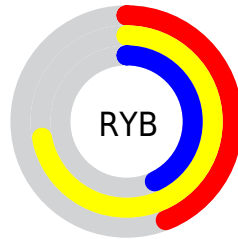
The YIQ color **172.2160, 24.8540, -20.9220** is a light color, and the websafe version is hex **999966**. A complement of this color would be **119.7840, -24.8540, 20.9220**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1730, 26.4130, -21.6430**, and **119.3730, 22.9740, -19.8900** is the 20% darker color. If you saturate the color by 10%, you get **169.5770, 30.9070, -25.9970**, and if you desaturate by 10%, it is **174.8550, 18.8010, -15.8470**.

Distribution



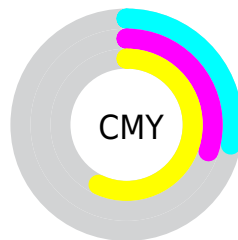
- Red (72%)
- Green (70%)
- Blue (43%)



- Red (44%)
- Yellow (72%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2160, 24.8540, -20.9220 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 172.2160, 24.8540, -20.9220 by changing the saturation by 10% instead.

■ 172.2160, 24.8540,
-20.9220

■ 172.2160, 24.8540,
-20.9220

■ 255.0000, -0.0000,
-0.0000

■ 145.1450, 23.6160,
-20.5120

■ 228.1730, 26.4130,
-21.6430

■ 119.3730, 22.9740,
-19.8900

■ 247.4760, 21.1860,
-20.5260

■ 94.4760, 21.1860,
-20.5260

■ 250.6680, 12.1980,
-11.8180

■ 70.0630, 20.9110,
-21.0490

■ 253.9740, 2.8890,
-2.7990

■ 48.4310, 17.0590,
-17.3170

■ 28.6290, 7.9340,
-11.6340

■ 7.0440, -3.3000,

-6.2760

0.0000, 0.0000,
0.0000

172.2160, 24.8540,
-20.9220

172.2160, 24.8540,
-20.9220

169.5770, 30.9070,
-25.9970

174.8550, 18.8010,
-15.8470

166.8240, 37.2810,
-31.3830

177.6080, 12.4270,
-10.4610

164.1850, 43.3340,
-36.4580

180.2470, 6.3740,
-5.3860

161.5460, 49.3870,
-41.5330

182.8860, 0.3210,
-0.3110

158.9070, 55.4400,
-46.6080

185.6390, -6.0530,
5.0750

■ 156.2680, 61.4930,
-51.6830

■ 188.2780,
-12.1060, 10.1500

■ 190.9170,
-18.1590, 15.2250

■ 193.5560,
-24.2120, 20.3000

■ 194.1430,
-24.4870, 19.7770

Harmonies

Analogous

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



175.5550, 46.3090, -7.7630



172.2160, 24.8540, -20.9220



168.0750, -5.7260, -28.3980

Triad

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



172.2160, 24.8540, -20.9220



151.4670, -97.2420, -21.8340



180.6370, 32.9600, 30.4320

Complementary

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



172.2160, 24.8540, -20.9220



119.7840, -24.8540, 20.9220

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.



180.5440, 2.4250, 27.6490



172.2160, 24.8540, -20.9220



164.7730, -71.0200, -1.4520

Square

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



172.2160, 24.8540, -20.9220



152.9940, -80.0930, -29.7650



175.4730, -34.3440, 16.6960



179.0610, 51.8970, 23.1370

Rectangle

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



172.2160, 24.8540, -20.9220



164.2170, -29.6130, -30.5170



175.4730, -34.3440, 16.6960



181.2600, 23.8360, 30.5880

Sweetspot

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



172.2160, 24.8540, -20.9220



233.2210, 9.2630, -8.1850



131.6960, 42.4990, 17.2430



117.4750, 5.7320, -4.7640



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



172.2160, 24.8540, -20.9220



220.4820, 38.2440, -32.3160



164.9960, 4.6820, -29.7980



90.3870, 3.1640, -2.2760



132.9330, 52.5510, -43.8090



24.2210, 9.2630, -8.1850

Inverse Universe

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



119.7840, -24.8540, 20.9220



139.5180, -38.2440, 32.3160



127.0040, -4.6820, 29.7980



84.0260, -2.8890, 2.7990



22.4800, -52.2760, 44.3320



4.3660, -9.5380, 7.6620

Previews

White Background



This preview shows how the YIQ color 172.2160, 24.8540, -20.9220 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 172.2160, 24.8540, -20.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

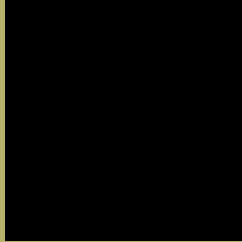
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2160, 24.8540, -20.9220

Background



This preview shows how black text looks on a background with the YIQ color 172.2160, 24.8540, -20.9220.



This preview shows how white text looks on a background with the YIQ color 172.2160, 24.8540,

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

172.2160, 24.8540, -20.9220

Protanopia

173.0320, 31.3640, -17.7560

Deuteranopia

174.6580, 44.5210, -8.3990



Tritanopia

177.7610, 8.3430, 8.4950

Trichromacy



Original Color

172.2160, 24.8540, -20.9220

Protanomaly

172.7220, 29.3010, -18.9150

Deuteranomaly

173.6030, 37.1860, -13.1340

Tritanomaly

175.5470, 14.3970, -2.1070

Monochromacy



Original Color

172.2160, 24.8540, -20.9220

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3350, 8.9420, -7.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2160, 24.8540, -20.9220 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(183, 179, 109)` looks like.

```
.text, #text, p{  
    color:rgb(183, 179, 109)  
}
```

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(183, 179, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 179, 109) }
```

Border

The CSS property to change the border of an element to YIQ 172.2160, 24.8540, -20.9220 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(183, 179, 109) }
```


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

```
.border{ border-color:rgb(183, 179, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 179, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 179, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 179, 109);  
box-shadow:4px 4px 4px 4px rgb(183, 179,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2160, 24.8540, -20.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 179, 109) }
```

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

```
.background{ background-color: rgb(183,  
179, 109) }
```

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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