

Converting Colors

YIQ(173.3040, 1.0590, -24.7090)

Have a look what the booklet for
YIQ(173.3040, 1.0590, -24.7090)
contains.

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Color

**YIQ(173.3040, 1.0590,
-24.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBD82
RGB	159, 189, 130
RGB Percent	62%, 74%, 51%
CMY	0.3766, 0.2588, 0.4901
CMYK	0.16, 0.00, 0.31, 0.26
HSL	91°, 31%, 63%
HSV	91°, 31%, 74%
XYZ	36.5230, 45.3807, 27.9580
YIQ	173.3040, 1.0590, -24.7090

Conversions

Conversions Part 2

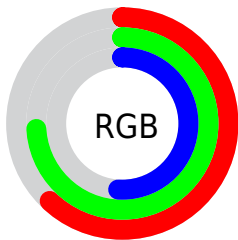
Format	Color
RYB	130, 189, 160
Decimal	10468738
CIELab	73.14, -20.73, 26.57
CIELCh	73, 33.700, 127.951
Yxy	45.3807, 0.3324, 0.4131
Android (android.graphics.Color)	4288658818 (0xFF9FBD82)
YUV	173.3040, -21.3489, -12.5446
Hunter-Lab	67.3652, -21.1128, 22.5491

Details

The YIQ color **173.3040, 1.0590, -24.7090** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **145.6960, -1.0590, 24.7090**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.6630, 1.4260, -25.8540**, and **120.9450, 0.6920, -23.5640** is the 20% darker color. If you saturate the color by 10%, you get **168.1480, 1.1980, -32.7380**, and if you desaturate by 10%, it is **178.4600, 0.9200, -16.6800**.

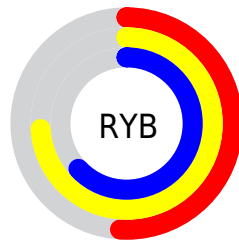
Distribution



Red (62%)

Green (74%)

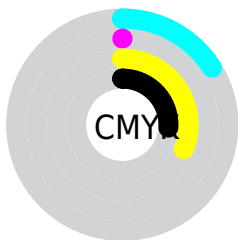
Blue (51%)



Red (51%)

Yellow (74%)

Blue (63%)

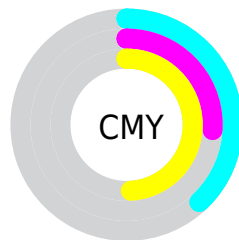


Cyan (16%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3040, 1.0590, -24.7090 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 173.3040, 1.0590, -24.7090 by changing the saturation by 10% instead.

■ 173.3040, 1.0590,
-24.7090

■ 173.3040, 1.0590,
-24.7090

■ 255.0000, -0.0000,
-0.0000

■ 146.5320, 0.4170,
-24.0870

■ 228.6630, 1.4260,
-25.8540

■ 120.9450, 0.6920,
-23.5640

■ 246.3960, 6.9720,
-16.2280

■ 95.4720, 0.6460,
-22.7300

■ 253.2900, 4.8150,
-4.6650

■ 71.7000, 0.0040,
-22.1080

■ 47.8140, -0.3170,
-21.7970

■ 27.3670, -3.2520,
-18.1640

■ 11.1530, -5.2250,

-9.9370

■ 0.0000, 0.0000,
0.0000

■ 173.3040, 1.0590,
-24.7090

■ 173.3040, 1.0590,
-24.7090

■ 168.1480, 1.1980,
-32.7380

■ 178.4600, 0.9200,
-16.6800

■ 163.2910, 1.9330,
-40.5550

■ 183.3170, 0.1850,
-8.8630

■ 158.1350, 2.0720,
-48.5840

■ 188.4730, 0.0460,
-0.8340

■ 152.9790, 2.2110,
-56.6130

■ 193.3300, -0.6890,
6.9830

■ 148.2360, 2.6250,
-64.1190

■ 198.4860, -0.8280,
15.0120


 143.0800, 2.7640,
-72.1480

 203.5280, -0.6460,
22.7300

 138.7500, 3.4530,
-79.1310

 207.5870, 0.8660,
28.3700

 210.5770, 6.8260,
30.4900

 213.5670, 12.7860,
32.6100

Harmonies

Analogous

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



176.8190, 27.6500, -16.5260



173.3040, 1.0590, -24.7090



168.6130, -30.6680, -27.9160

Triad

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



173.3040, 1.0590, -24.7090



168.9430, -65.7470, -3.4030



182.9400, 44.9280, 22.7840

Complementary

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



173.3040, 1.0590, -24.7090



145.6960, -1.0590, 24.7090

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.



184.0490, 25.8080, 27.8880



173.3040, 1.0590, -24.7090



178.1690, -36.5440, 12.5120

Square

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



173.3040, 1.0590, -24.7090



161.5140, -78.2610, -18.9090



183.2010, -4.0390, 23.6490



181.3840, 51.9450, 11.2490

Rectangle

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



173.3040, 1.0590, -24.7090



164.4180, -51.9880, -26.9960



183.2010, -4.0390, 23.6490



183.2970, 39.6090, 25.5690

Sweetspot

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



173.3040, 1.0590, -24.7090



239.2030, 0.5060, -9.1740



165.2510, 26.9140, -3.1820



118.7240, 0.5970, -5.3150



250.0000, 0.0000, 0.0000



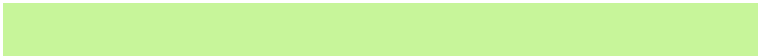
122.0000, 0.0000, -0.0000

Same Dimension

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



173.3040, 1.0590, -24.7090



220.8720, 1.7950, -38.0530



164.6330, -16.2250, -30.8570



91.7780, 0.5050, -3.6470



116.0680, 3.0380, -66.0980



22.6820, 0.4150, -13.0330

Inverse Universe

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



145.6960, -1.0590, 24.7090



178.1280, -1.7950, 38.0530



154.3670, 16.2250, 30.8570



87.5210, 0.0910, 3.8590



42.2310, -2.4420, 66.3100



8.3180, -0.4150, 13.0330

Previews

White Background



This preview shows how the YIQ color 173.3040, 1.0590, -24.7090 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 173.3040, 1.0590, -24.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

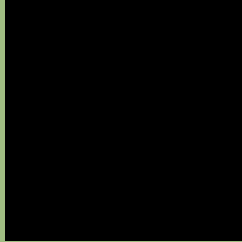
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3040, 1.0590, -24.7090

Background



This preview shows how black text looks on a background with the YIQ color 173.3040, 1.0590, -24.7090.



This preview shows how white text looks on a background with the YIQ color 173.3040, 1.0590, -24.7090.

-24.7090.

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

173.3040, 1.0590, -24.7090

Protanopia

177.1440, 25.3570, -13.5150

Deuteranopia

179.3290, 35.4420, -3.5500



Tritanopia

179.0080, -11.6460, 1.8100

Trichromacy



Original Color

173.3040, 1.0590, -24.7090

Protanomaly

176.0180, 16.7840, -17.8400

Deuteranomaly

177.0560, 22.7890, -11.0270

Tritanomaly

176.8370, -7.1510, -8.0710

Monochromacy



Original Color

173.3040, 1.0590, -24.7090

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2030, 0.5060, -9.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3040, 1.0590, -24.7090 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(159, 189, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 189, 130)  
}
```

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(159, 189, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 189, 130) }
```

Border

The CSS property to change the border of an element to YIQ 173.3040, 1.0590, -24.7090 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(159, 189, 130) }
```


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

```
.border{ border-color:rgb(159, 189, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 189, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 189, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 189, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 189,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3040, 1.0590, -24.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 189, 130) }
```

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

```
.background{ background-color: rgb(159,  
189, 130) }
```

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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