

Converting Colors

YIQ(172.8290, 54.9390,
-65.0690)

Have a look what the booklet for
YIQ(172.8290, 54.9390, -65.0690)
contains.

YIQ(172.8290, 54.9390, -65.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.8290, 54.9390,
-65.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C801
RGB	185, 200, 1
RGB Percent	73%, 78%, 0%
CMY	0.2747, 0.2156, 0.9956
CMYK	0.08, 0.00, 0.99, 0.22
HSL	65°, 99%, 39%
HSV	65°, 99%, 78%
XYZ	40.6594, 51.6229, 7.8527
YIQ	172.8290, 54.9390, -65.0690

Conversions

Conversions Part 2

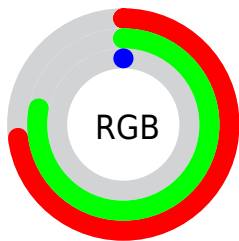
Format	Color
RYB	1, 200, 16
Decimal	12175361
CIELab	77.05, -24.36, 77.19
CIELCh	77, 80.941, 107.512
Yxy	51.6229, 0.4060, 0.5155
Android (android.graphics.Color)	4290365441 (0xFFB9C801)
YUV	172.8290, -84.7117, 10.6740
Hunter-Lab	71.8490, -24.7227, 43.8143

Details

The YIQ color **172.8290, 54.9390, -65.0690** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **28.1710, -54.9390, 65.0690**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.5160, 48.9310, -55.3010**, and **123.6750, 35.5420, -49.4340** is the 20% darker color. If you saturate the color by 10%, you get **172.7150, 55.2600, -65.3800**, and if you desaturate by 10%, it is **175.4080, 49.1150, -58.6370**.

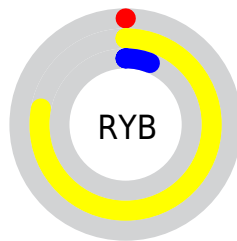
Distribution



Red (73%)

Green (78%)

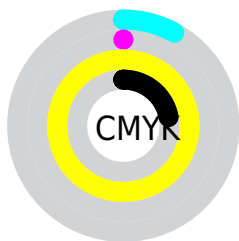
Blue (0%)



Red (0%)

Yellow (78%)

Blue (6%)

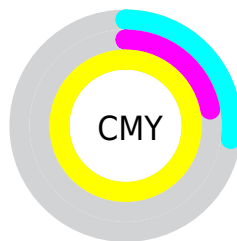


Cyan (8%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8290, 54.9390, -65.0690 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 172.8290, 54.9390, -65.0690 by changing the saturation by 10% instead.

■ 172.8290, 54.9390,
-65.0690

■ 172.8290, 54.9390,
-65.0690

■ 255.0000, -0.0000,
-0.0000

■ 148.1950, 45.4010,
-57.4070

■ 232.5160, 48.9310,
-55.3010

■ 123.6750, 35.5420,
-49.4340

■ 238.8120, 45.5820,
-44.1620

■ 100.6280, 25.7290,
-42.2950

■ 242.1180, 36.2730,
-35.1430

■ 77.5810, 15.9160,
-35.1560

■ 245.4240, 26.9640,
-26.1240

■ 55.1210, 5.8280,
-28.5400

■ 248.7300, 17.6550,
-17.1050

■ 33.5470, -3.9390,
-22.2350

■ 252.0360, 8.3460,

■ 17.6100, -8.2500,

-8.0860

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 172.8290, 54.9390,
-65.0690

■ 172.8290, 54.9390,
-65.0690

■ 172.7150, 55.2600,
-65.3800

■ 175.4080, 49.1150,
-58.6370

■ 178.2860, 43.8870,
-51.9930

■ 180.8650, 38.0630,
-45.5610

■ 183.7430, 32.8350,
-38.9170

■ 186.6210, 27.6070,
-32.2730

■ 189.2000, 21.7830,
-25.8410

■ 192.0780, 16.5550,
-19.1970

■ 194.6570, 10.7310,
-12.7650

■ 197.5350, 5.5030,
-6.1210

Harmonies

Analogous

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



179.3270, 98.5360, -34.6800



172.8290, 54.9390, -65.0690



162.9470, -30.2940, -67.7500

Triad

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



172.8290, 54.9390, -65.0690



158.7970, -142.6300, -36.2780



171.7480, 47.0300, 61.7980

Complementary

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



172.8290, 54.9390, -65.0690



28.1710, -54.9390, 65.0690

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.



191.2720, 24.7030, 53.4310



172.8290, 54.9390, -65.0690



151.1660, -139.0550, -29.4790

Square

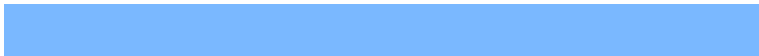
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.8290, 54.9390, -65.0690



158.6370, -136.6680, -45.2120



173.5560, -59.7430, 8.9370



162.0240, 71.6550, 39.5190

Rectangle

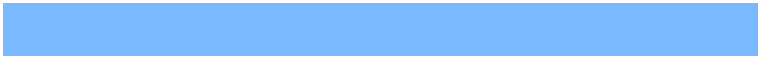
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.8290, 54.9390, -65.0690



144.5470, -102.5050, -75.1530



173.5560, -59.7430, 8.9370



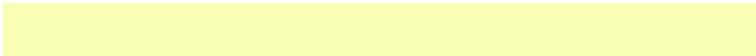
179.1800, 37.1260, 65.0780

Sweetspot

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



172.8290, 54.9390, -65.0690



244.5420, 20.8200, -24.9080



68.1320, 115.0290, 35.3890



121.5600, 12.3820, -15.1540



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.



172.8290, 54.9390, -65.0690



220.2490, 70.5310, -83.3330



143.5270, -3.4690, -85.8450



97.9740, 2.8890, -2.7990



140.8300, 45.1710, -53.2370



30.9990, 9.7680, -11.8320

Inverse Universe

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



28.1710, -54.9390, 65.0690



34.7510, -70.5310, 83.3330



57.4730, 3.4690, 85.8450



91.0260, -2.8890, 2.7990



22.1700, -45.1710, 53.2370



5.0010, -9.7680, 11.8320

Previews

White Background



This preview shows how the YIQ color 172.8290, 54.9390, -65.0690 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 172.8290, 54.9390, -65.0690 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 172.8290, 54.9390, -65.0690

Background



This preview shows how black text looks on a background with the YIQ color 172.8290, 54.9390, -65.0690.



This preview shows how white text looks on a background with the YIQ color 172.8290, 54.9390,

-65.0690.

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

172.8290, 54.9390, -65.0690

Protanopia

176.1030, 75.0190, -54.5250

Deuteranopia

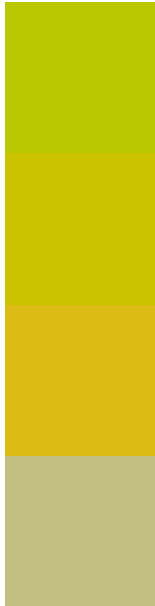
181.1820, 82.9470, -32.9970



Tritanopia

191.5970, 2.9330, 7.4210

Trichromacy



Original Color

172.8290, 54.9390, -65.0690

Protanomaly

174.5750, 67.6380, -58.4260

Deuteranomaly

177.9430, 72.9540, -44.6300

Tritanomaly

184.7150, 22.0110, -18.9570

Monochromacy



Original Color

172.8290, 54.9390, -65.0690

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8840, 19.8570, -23.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8290, 54.9390, -65.0690 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(185, 200, 1)` looks like.

```
.text, #text, p{  
    color:rgb(185, 200, 1)  
}
```

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(185, 200, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 200, 1) }
```

Border

The CSS property to change the border of an element to YIQ 172.8290, 54.9390, -65.0690 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(185, 200, 1) }
```


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

```
.border{ border-color:rgb(185, 200, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 200, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 200, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 200, 1);  
box-shadow:4px 4px 4px 4px rgb(185, 200,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8290, 54.9390, -65.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 200, 1) }
```

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

```
.background{ background-color: rgb(185,  
200, 1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor