

Converting Colors

YIQ(228.2180, 29.3990,
-53.7450)

Have a look what the booklet for
YIQ(228.2180, 29.3990, -53.7450)
contains.

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Color

**YIQ(228.2180, 29.3990,
-53.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFF68
RGB	223, 255, 104
RGB Percent	87%, 100%, 41%
CMY	0.1257, 0.0000, 0.5919
CMYK	0.13, 0.00, 0.59, 0.00
HSL	73°, 100%, 70%
HSV	73°, 59%, 100%
XYZ	68.6798, 88.2018, 26.5174
YIQ	228.2180, 29.3990, -53.7450

Conversions

Conversions Part 2

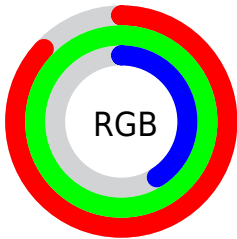
Format	Color
RYB	104, 255, 136
Decimal	14679912
CIELab	95.25, -30.83, 66.91
CIElCh	95, 73.668, 114.741
Yxy	88.2018, 0.3745, 0.4809
Android (android.graphics.Color)	4292869992 (0xFFDFFF68)
YUV	228.2180, -61.2395, -4.5762
Hunter-Lab	93.9158, -33.8172, 49.0003

Details

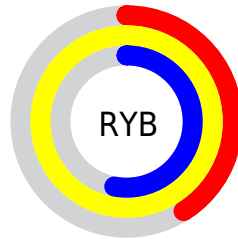
The YIQ color $228.2180, 29.3990, -53.7450$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $130.7820, -29.3990, 53.7450$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.1700, 30.4950, -29.5450$, and $170.8050, 29.1240, -54.2680$ is the 20% darker color. If you saturate the color by 10%, you get $223.8730, 34.4440, -62.5800$, and if you desaturate by 10%, it is $232.6770, 24.0330, -44.5990$.

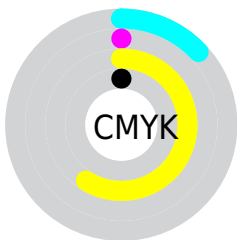
Distribution



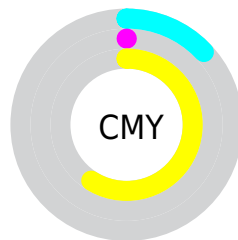
- Red (87%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.2180, 29.3990, -53.7450 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 228.2180, 29.3990, -53.7450 by changing the saturation by 10% instead.

228.2180, 29.3990,
-53.7450

228.2180, 29.3990,
-53.7450

255.0000, -0.0000,
-0.0000

199.3320, 29.0780,
-53.4340

244.1700, 30.4950,
-29.5450

170.8050, 29.1240,
-54.2680

247.4760, 21.1860,
-20.5260

141.0410, 34.0310,
-60.6010

250.6680, 12.1980,
-11.8180

117.1190, 25.3640,
-52.2040

254.0880, 2.5680,
-2.4880

94.0720, 15.5510,
-45.0650

71.3240, 6.3340,
-37.7140

48.2660, -4.9460,

-31.5220

■ 27.5890, -12.9250,
-24.5810

■ 15.8490, -7.4250,
-14.1210

■ 228.2180, 29.3990,
-53.7450

■ 228.2180, 29.3990,
-53.7450

■ 223.8730, 34.4440,
-62.5800

■ 232.6770, 24.0330,
-44.5990

■ 219.1150, 39.2140,
-71.9380

■ 237.3210, 19.5840,
-35.5520

■ 214.7700, 44.2590,
-80.7730

■ 241.7800, 14.2180,
-26.4060

■ 210.0120, 49.0290,
-90.1310

■ 246.4240, 9.7690,
-17.3590

■ 209.7840, 49.6710,
-90.7530

■ 250.8830, 4.4030,
-8.2130

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



223.5040, 58.3730, -39.1870



228.2180, 29.3990, -53.7450



207.1220, -40.6120, -56.9640

Triad

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



228.2180, 29.3990, -53.7450



178.7550, -151.9800, -54.0600



210.9750, 20.6250, 39.2250

Complementary

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



228.2180, 29.3990, -53.7450



130.7820, -29.3990, 53.7450

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.



222.1280, 15.4000, 29.2880



228.2180, 29.3990, -53.7450



177.5810, -151.4300, -53.0140

Square

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



228.2180, 29.3990, -53.7450



178.7550, -151.9800, -54.0600



229.8820, -11.0510, 7.5490



204.8700, 41.9490, 16.1970

Rectangle

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



228.2180, 29.3990, -53.7450



172.5990, -134.6460, -70.8540



229.8820, -11.0510, 7.5490



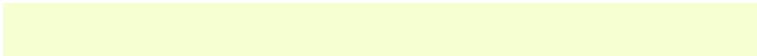
213.3230, 19.5250, 37.1330

Sweetspot

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



228.2180, 29.3990, -53.7450



246.7660, 8.8060, -16.4260



166.7590, 81.7460, 16.3220



122.9000, 5.7330, -10.2910



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.



228.2180, 29.3990, -53.7450



223.0040, 35.4530, -64.3470



206.0920, -14.7050, -69.4330



125.6210, 2.3850, -4.6790



157.2660, 37.4710, -67.8810



52.5180, 12.2000, -22.8720

Inverse Universe

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



130.7820, -29.3990, 53.7450



105.9960, -35.4530, 64.3470



152.9080, 14.7050, 69.4330



117.0800, -2.9810, 4.4670



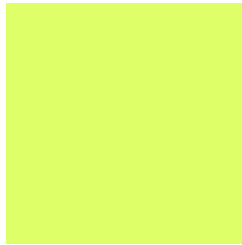
34.0330, -36.8750, 68.0930



11.4820, -12.2000, 22.8720

Previews

White Background



This preview shows how the YIQ color 228.2180, 29.3990, -53.7450 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 228.2180, 29.3990, -53.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

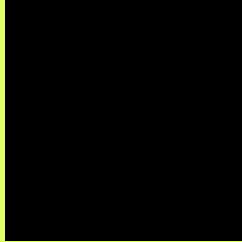
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.2180, 29.3990, -53.7450

Background



This preview shows how black text looks on a background with the YIQ color 228.2180, 29.3990, -53.7450.



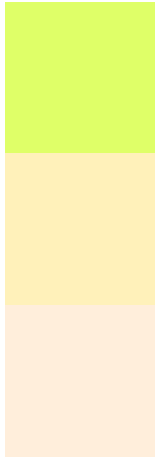
This preview shows how white text looks on a background with the YIQ color 228.2180, 29.3990,

-53.7450.

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

228.2180, 29.3990, -53.7450

Protanopia

238.9160, 25.9990, -14.1370

Deuteranopia

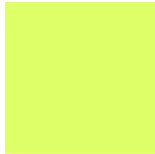
240.9170, 16.2310, -2.3050



Tritanopia

241.7100, -4.8150, 4.6650

Trichromacy



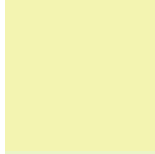
Original Color

228.2180, 29.3990, -53.7450



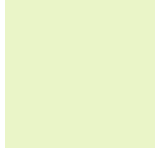
Protanomaly

234.8430, 27.1020, -28.6260



Deuteranomaly

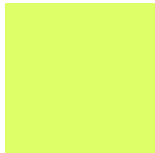
236.0630, 20.9110, -21.0490



Tritanomaly

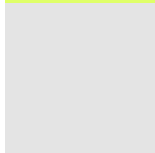
236.5810, 7.8890, -16.3270

Monochromacy



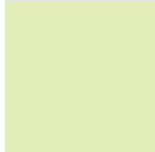
Original Color

228.2180, 29.3990, -53.7450



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.1420, 10.5030, -19.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.2180, 29.3990, -53.7450 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(223, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 104)  
}
```

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(223, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 104) }
```

Border

The CSS property to change the border of an element to YIQ 228.2180, 29.3990, -53.7450 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(223, 255, 104) }
```


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

```
.border{ border-color:rgb(223, 255, 104) }
```

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

Here you see how a box with a 4 pixel rgb(223, 255, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 228.2180, 29.3990, -53.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 104) }
```

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

```
.background{ background-color: rgb(223,  
255, 104) }
```

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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