

Converting Colors

YIQ(220.2720, 29.3070,
-52.0770)

Have a look what the booklet for
YIQ(220.2720, 29.3070, -52.0770)
contains.

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Color

**YIQ(220.2720, 29.3070,
-52.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F663
RGB	216, 246, 99
RGB Percent	85%, 96%, 39%
CMY	0.1531, 0.0352, 0.6115
CMYK	0.12, 0.00, 0.60, 0.04
HSL	72°, 89%, 68%
HSV	72°, 60%, 96%
XYZ	63.5211, 81.4135, 24.1856
YIQ	220.2720, 29.3070, -52.0770

Conversions

Conversions Part 2

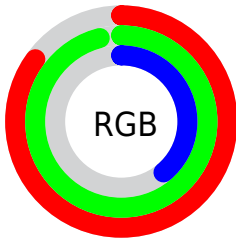
Format	Color
RYB	99, 246, 129
Decimal	14218851
CIELab	92.32, -29.73, 65.63
CIELCh	92, 72.046, 114.369
Yxy	81.4135, 0.3756, 0.4814
Android (android.graphics.Color)	4292408931 (0xFFD8F663)
YUV	220.2720, -59.7871, -3.7465
Hunter-Lab	90.2295, -32.2385, 47.2682

Details

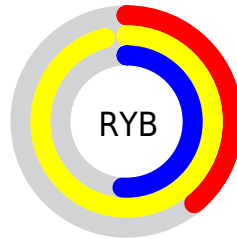
The YIQ color $220.2720, 29.3070, -52.0770$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $124.7280, -29.3070, 52.0770$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6000, 32.1000, -31.1000$, and $163.4460, 28.7570, -53.1230$ is the 20% darker color. If you saturate the color by 10%, you get $215.9270, 34.3520, -60.9120$, and if you desaturate by 10%, it is $224.6170, 24.2620, -43.2420$.

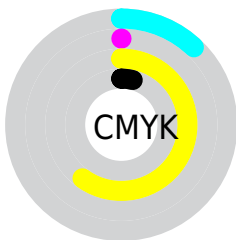
Distribution



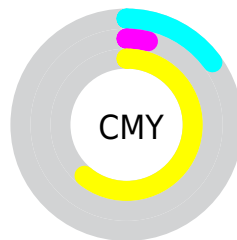
- Red (85%)
- Green (96%)
- Blue (39%)



- Red (39%)
- Yellow (96%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2720, 29.3070, -52.0770 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 220.2720, 29.3070, -52.0770 by changing the saturation by 10% instead.

220.2720, 29.3070,
-52.0770

220.2720, 29.3070,
-52.0770

255.0000, -0.0000,
-0.0000

191.9730, 28.7110,
-52.2890

243.6000, 32.1000,
-31.1000

163.4460, 28.7570,
-53.1230

246.7920, 23.1120,
-22.3920

134.5510, 32.6550,
-57.6890

250.0980, 13.8030,
-13.3730

110.3300, 23.3920,
-49.5040

253.4040, 4.4940,
-4.3540

87.5820, 14.1750,
-42.1530

64.8340, 4.9580,
-34.8020

42.0640, -7.1930,

-29.3450

■ 24.0670, -11.2750,
-21.4430

■ 8.8050, -4.1250,
-7.8450

■ 220.2720, 29.3070,
-52.0770

■ 220.2720, 29.3070,
-52.0770

■ 215.9270, 34.3520,
-60.9120

■ 224.6170, 24.2620,
-43.2420

■ 211.6960, 39.0760,
-69.4360


■ 228.8480, 19.5380,
-34.7180


■ 207.3510, 44.1210,
-78.2710


■ 233.1930, 14.4930,
-25.8830


■ 203.1200, 48.8450,
-86.7950


■ 237.4240, 9.7690,
-17.3590

 203.0060, 49.1660,
-87.1060

 241.7690, 4.7240,
-8.5240

 246.1140, -0.3210,
0.3110

 248.5210, 0.0910,
3.8590

 249.7170, 2.4750,
4.7070

Harmonies

Analogous

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



218.3520, 61.8570, -36.2470



220.2720, 29.3070, -52.0770



205.2420, -41.0700, -59.6780

Triad

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



220.2720, 29.3070, -52.0770



178.7550, -151.9800, -54.0600



206.1820, 24.4760, 41.0200

Complementary

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



220.2720, 29.3070, -52.0770



124.7280, -29.3070, 52.0770

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.



218.0190, 17.3250, 32.9490



220.2720, 29.3070, -52.0770



172.2980, -148.9550, -48.3070

Square

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



220.2720, 29.3070, -52.0770



178.7550, -151.9800, -54.0600



222.1960, -14.8110, 9.6130



200.0770, 45.8000, 17.9920

Rectangle

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



220.2720, 29.3070, -52.0770



171.6870, -132.0780, -73.3420



222.1960, -14.8110, 9.6130



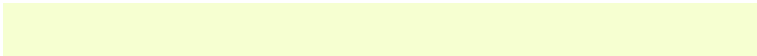
209.2140, 21.4500, 40.7940

Sweetspot

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



220.2720, 29.3070, -52.0770



247.0650, 9.4020, -16.2140



159.9760, 79.6370, 15.9970



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.



220.2720, 29.3070, -52.0770



222.6620, 36.4160, -65.2800



198.4450, -14.2010, -67.5530



120.0340, 2.6600, -4.1560



153.4340, 37.0580, -65.9020



48.6860, 11.7870, -20.8930

Inverse Universe

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



124.7280, -29.3070, 52.0770



103.3380, -36.4160, 65.2800



146.5550, 14.2010, 67.5530



112.2650, -2.0640, 4.3680



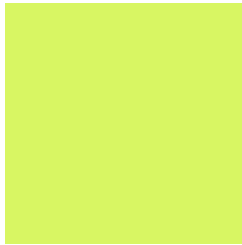
32.5660, -37.0580, 65.9020



10.3140, -11.7870, 20.8930

Previews

White Background



This preview shows how the YIQ color 220.2720, 29.3070, -52.0770 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 220.2720, 29.3070, -52.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

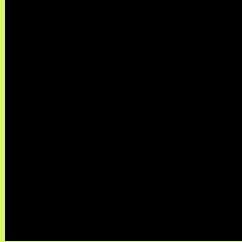
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.2720, 29.3070, -52.0770

Background



This preview shows how black text looks on a background with the YIQ color 220.2720, 29.3070, -52.0770.



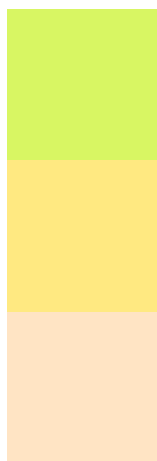
This preview shows how white text looks on a background with the YIQ color 220.2720, 29.3070,

-52.0770.

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

220.2720, 29.3070, -52.0770

Protanopia

227.7220, 46.4960, -27.6800

Deuteranopia

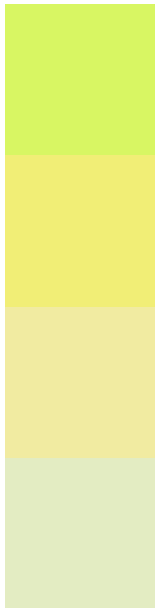
232.4250, 26.3640, -4.2280



Tritanopia

233.6500, -4.5860, 6.0220

Trichromacy



Original Color

220.2720, 29.3070, -52.0770

Protanomaly

225.2170, 40.3080, -36.6840

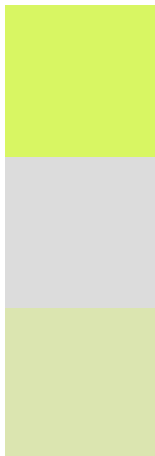
Deuteranomaly

228.3580, 27.3300, -21.7420

Tritanomaly

228.5210, 8.1180, -14.9700

Monochromacy



Original Color

220.2720, 29.3070, -52.0770

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9680, 11.0530, -18.6030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2720, 29.3070, -52.0770 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(216, 246, 99)` looks like.

```
.text, #text, p{  
    color:rgb(216, 246, 99)  
}
```

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(216, 246, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 246, 99) }
```

Border

The CSS property to change the border of an element to YIQ 220.2720, 29.3070, -52.0770 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(216, 246, 99) }
```


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

```
.border{ border-color:rgb(216, 246, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 246, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 246, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 246, 99);  
box-shadow:4px 4px 4px 4px rgb(216, 246,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2720, 29.3070, -52.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 246, 99) }
```

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

```
.background{ background-color: rgb(216,  
246, 99) }
```

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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