

Converting Colors

YIQ(220.6720, 40.7650,
-28.4430)

Have a look what the booklet for
YIQ(220.6720, 40.7650, -28.4430)
contains.

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Color

**YIQ(220.6720, 40.7650,
-28.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E47F
RGB	242, 228, 127
RGB Percent	95%, 89%, 50%
CMY	0.0510, 0.1059, 0.5017
CMYK	0.00, 0.06, 0.47, 0.05
HSL	53°, 82%, 72%
HSV	53°, 47%, 95%
XYZ	68.1918, 75.8932, 31.1544
YIQ	220.6720, 40.7650, -28.4430

Conversions

Conversions Part 2

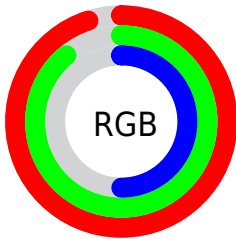
Format	Color
R_{YB}	143, 242, 127
Decimal	15918207
CIE _{Lab}	89.81, -8.46, 50.64
CIE _{LCh}	90, 51.343, 99.490
Yxy	75.8932, 0.3891, 0.4331
Android (android.graphics.Color)	4294108287 (0xFFFF2E47F)
YUV	220.6720, -46.1803, 18.7047
Hunter-Lab	87.1167, -12.7309, 39.7786

Details

The YIQ color $220.6720, 40.7650, -28.4430$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $148.3280, -40.7650, 28.4430$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6780, 23.4330, -22.7030$, and $165.1170, 38.0140, -28.1460$ is the 20% darker color. If you saturate the color by 10%, you get $216.1750, 49.2940, -34.3380$, and if you desaturate by 10%, it is $225.1690, 32.2360, -22.5480$.

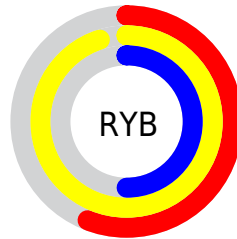
Distribution



Red (95%)

Green (89%)

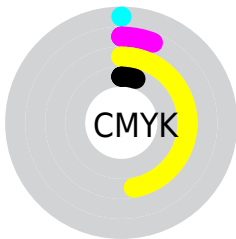
Blue (50%)



Red (56%)

Yellow (95%)

Blue (50%)

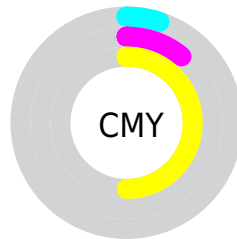


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (5%)



Cyan (5%)


Magenta (11%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.6720, 40.7650, -28.4430 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 220.6720, 40.7650, -28.4430 by changing the saturation by 10% instead.


 220.6720, 40.7650,
-28.4430


 220.6720, 40.7650,
-28.4430


255.0000, -0.0000,
-0.0000


 192.6010, 39.5270,
-28.0330


 246.6780, 23.4330,
-22.7030


 165.1170, 38.0140,
-28.1460


 249.8700, 14.4450,
-13.9950

 137.9320, 37.0970,
-28.0470

 253.1760, 5.1360,
-4.9760

 111.6930, 36.2720,
-29.6160

 86.5510, 33.7960,
-28.7960

 65.5750, 25.2210,
-22.0670

 44.0010, 15.4540,

-15.7620

■ 25.0850, 6.6500,
-10.3900

■ 0.0000, 0.0000,
0.0000

■ 220.6720, 40.7650,
-28.4430

■ 220.6720, 40.7650,
-28.4430

■ 216.1750, 49.2940,
-34.3380

■ 225.1690, 32.2360,
-22.5480

■ 211.6780, 57.8230,
-40.2330

■ 229.6660, 23.7070,
-16.6530

■ 207.0670, 66.6730,
-46.4390

■ 234.2770, 14.8570,
-10.4470

■ 202.5700, 75.2020,
-52.3340

■ 238.7740, 6.3280,
-4.5520

■ 198.0730, 83.7310,
-58.2290

■ 243.2710, -2.2010,
1.3430

■ 197.3890, 85.6570,
-60.0950

■ 245.8300, -5.2730,
1.9510

■ 247.5910, -6.0980,
0.3820

■ 249.3520, -6.9230,
-1.1870

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

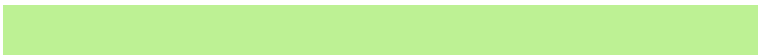
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.3780, 50.9410, -14.6190



220.6720, 40.7650, -28.4430



214.8500, -1.1390, -39.9470

Triad

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



220.6720, 40.7650, -28.4430



175.2330, -150.3300, -50.9220



218.0190, 17.3250, 32.9490

Complementary

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



220.6720, 40.7650, -28.4430



148.3280, -40.7650, 28.4430

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.



225.6280, 10.8160, 24.2560



220.6720, 40.7650, -28.4430



192.9730, -101.9630, -29.8910

Square

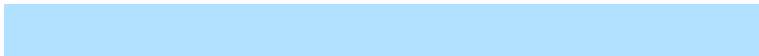
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.6720, 40.7650, -28.4430



178.5730, -139.7840, -54.8240



214.3670, -37.6420, -0.6340



210.1820, 32.5030, 22.1910

Rectangle

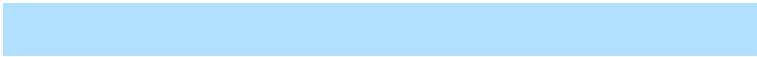
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.6720, 40.7650, -28.4430



209.0770, -35.5710, -43.6910



214.3670, -37.6420, -0.6340



220.3670, 16.2250, 30.8570

Sweetspot

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



220.6720, 40.7650, -28.4430



248.5480, 12.6560, -9.1040



163.0950, 63.7250, 29.0450



123.7310, 7.8870, -5.2730



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.



220.6720, 40.7650, -28.4430



227.9040, 51.4950, -35.6810



216.3320, 11.8830, -44.6690



117.4580, 4.4020, -2.6860



149.5230, 65.3890, -45.1950



45.5070, 19.9010, -13.7550

Inverse Universe

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



148.3280, -40.7650, 28.4430



136.5090, -51.2200, 36.2040



152.6680, -11.8830, 44.6690



109.9550, -4.1270, 3.2090



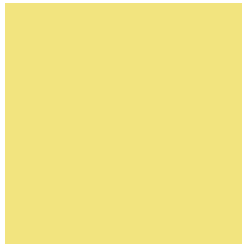
33.8900, -65.1140, 45.7180



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 220.6720, 40.7650, -28.4430 looks on a white background.

Color Contrast Check

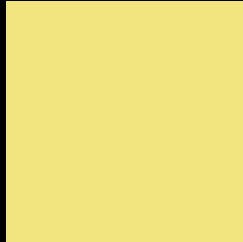
Large Text (above 18pt) WCAG AA × Fail

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 220.6720, 40.7650, -28.4430 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 220.6720, 40.7650, -28.4430

Background



This preview shows how black text looks on a background with the YIQ color 220.6720, 40.7650, -28.4430.



This preview shows how white text looks on a background with the YIQ color 220.6720, 40.7650,

-28.4430.

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

220.6720, 40.7650, -28.4430

Protanopia

221.1780, 45.2120, -26.4360

Deuteranopia

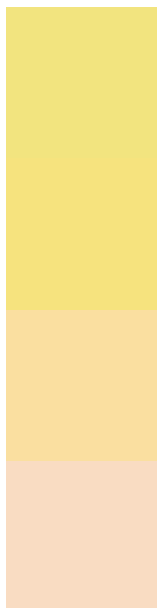
225.7910, 34.0210, -5.3310



Tritanopia

229.0010, 16.5950, 13.1310

Trichromacy



Original Color

220.6720, 40.7650, -28.4430

Protanomaly

221.1670, 43.7450, -27.3830

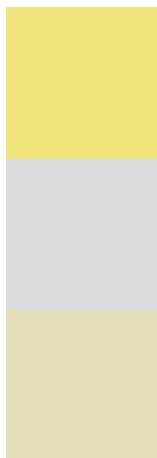
Deuteranomaly

223.8910, 36.3150, -13.8690

Tritanomaly

225.7070, 25.6300, -1.9380

Monochromacy



Original Color

220.6720, 40.7650, -28.4430

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2770, 14.8570, -10.4470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.6720, 40.7650, -28.4430 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(242, 228, 127)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 127)  
}
```

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(242, 228, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 127) }
```

Border

The CSS property to change the border of an element to YIQ 220.6720, 40.7650, -28.4430 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(242, 228, 127) }
```


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

```
.border{ border-color:rgb(242, 228, 127) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 127);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 220.6720, 40.7650, -28.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 127) }
```

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

```
.background{ background-color: rgb(242,  
228, 127) }
```

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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