

Converting Colors

YIQ(224.0230, 52.7780,
-31.3980)

Have a look what the booklet for
YIQ(224.0230, 52.7780, -31.3980)
contains.

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Color

**YIQ(224.0230, 52.7780,
-31.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE670
RGB	255, 230, 112
RGB Percent	100%, 90%, 44%
CMY	0.0000, 0.0981, 0.5605
CMYK	0.00, 0.10, 0.56, 0.00
HSL	50°, 100%, 72%
HSV	50°, 56%, 100%
XYZ	72.4614, 79.0185, 26.7846
YIQ	224.0230, 52.7780, -31.3980

Conversions

Conversions Part 2

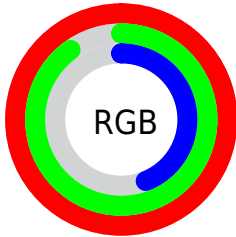
Format	Color
R_{YB}	142, 255, 112
Decimal	16770672
CIE _{Lab}	91.24, -5.49, 59.59
CIE _{LCh}	91, 59.838, 95.262
Yxy	79.0185, 0.4065, 0.4433
Android (android.graphics.Color)	4294960752 (0xFFFFE670)
YUV	224.0230, -55.2273, 27.1668
Hunter-Lab	88.8923, -10.0557, 44.3597

Details

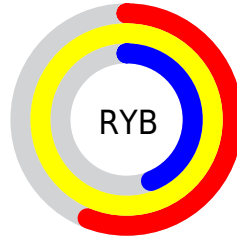
The YIQ color **224.0230, 52.7780, -31.3980** is a light color, and the websafe version is hex **FFCC66**, and the color name is **shandy**. A complement of this color would be **142.9770, -52.7780, 31.3980**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.9680, 28.2480, -27.3680**, and **167.9410, 50.0730, -31.9350** is the 20% darker color. If you saturate the color by 10%, you get **218.8250, 61.9030, -37.0810**, and if you desaturate by 10%, it is **229.3350, 43.3320, -25.4040**.

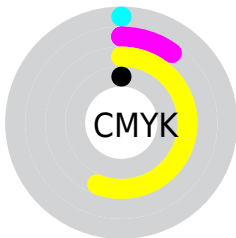
Distribution



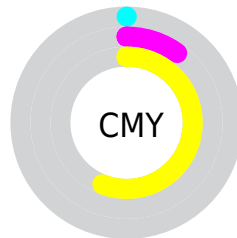
- Red (100%)
- Green (90%)
- Blue (44%)



- Red (56%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0230, 52.7780, -31.3980 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 224.0230, 52.7780, -31.3980 by changing the saturation by 10% instead.

224.0230, 52.7780,
-31.3980

224.0230, 52.7780,
-31.3980

255.0000, -0.0000,
-0.0000

195.5390, 51.2650,
-31.5110

244.9680, 28.2480,
-27.3680

167.9410, 50.0730,
-31.9350

248.1600, 19.2600,
-18.6600

140.1150, 49.5230,
-32.9810

251.4660, 9.9510,
-9.6410

113.4630, 48.4230,
-35.0730

254.7720, 0.6420,
-0.6220

90.4160, 38.6100,
-27.9340

68.5540, 29.7140,
-20.8940

47.5670, 19.6720,

-15.1120

■ 27.7650, 10.5470,
-9.4290

■ 5.2830, -2.4750,
-4.7070

■ 224.0230, 52.7780,
-31.3980

■ 224.0230, 52.7780,
-31.3980

■ 218.8250, 61.9030,
-37.0810

■ 229.3350, 43.3320,
-25.4040

■ 212.9260, 71.6240,
-42.5520

■ 235.1200, 33.9320,
-20.2440

■ 207.7280, 80.7490,
-48.2350

■ 240.4320, 24.4860,
-14.2500

■ 201.8290, 90.4700,
-53.7060

■ 246.2170, 15.0860,
-9.0900

■ 199.5150, 94.2300,
-55.7700

■ 251.5290, 5.6400,
-3.0960

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

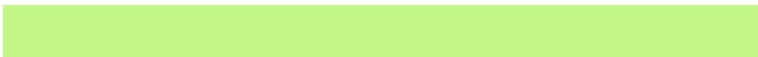
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.8790, 53.7840, -16.5840



224.0230, 52.7780, -31.3980



217.5700, 5.2810, -46.1670

Triad

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



224.0230, 52.7780, -31.3980



178.7550, -151.9800, -54.0600



217.4320, 17.6000, 33.4720

Complementary

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



224.0230, 52.7780, -31.3980



142.9770, -52.7780, 31.3980

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.



227.0790, 7.9280, 21.5280



224.0230, 52.7780, -31.3980



175.2330, -150.3300, -50.9220

Square

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



224.0230, 52.7780, -31.3980



176.9310, -146.8440, -59.0360



210.7020, -55.0630, -9.8070



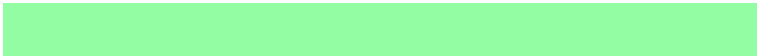
208.3870, 30.6680, 27.9160

Rectangle

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



224.0230, 52.7780, -31.3980



210.6330, -34.5610, -50.9850



210.7020, -55.0630, -9.8070



220.9540, 15.9500, 30.3340

Sweetspot

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



224.0230, 52.7780, -31.3980



245.4020, 16.0030, -9.1890



157.7210, 76.8820, 38.4020



122.1010, 9.7210, -5.4710



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

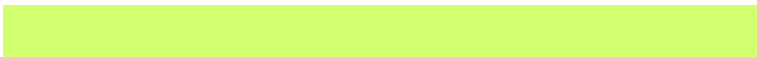
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.0230, 52.7780, -31.3980



217.8960, 63.1410, -37.4910



225.2430, 19.0830, -54.0130



124.7570, 4.9980, -2.4740



149.8550, 70.3860, -42.1420



50.2470, 23.5690, -14.1510

Inverse Universe

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



142.9770, -52.7780, 31.3980



121.1040, -63.1410, 37.4910



141.7570, -19.0830, 54.0130



117.6560, -4.7230, 2.9970



41.1450, -70.3860, 42.1420



13.7530, -23.5690, 14.1510

Previews

White Background



This preview shows how the YIQ color 224.0230, 52.7780, -31.3980 looks on a white background.

Color Contrast Check

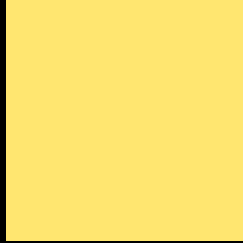
Large Text (above 18pt) WCAG AA × Fail

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 224.0230, 52.7780, -31.3980 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 224.0230, 52.7780, -31.3980

Background



This preview shows how black text looks on a background with the YIQ color 224.0230, 52.7780, -31.3980.



This preview shows how white text looks on a background with the YIQ color 224.0230, 52.7780,

-31.3980.

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

224.0230, 52.7780, -31.3980

Protanopia

223.7240, 52.1820, -31.6100

Deuteranopia

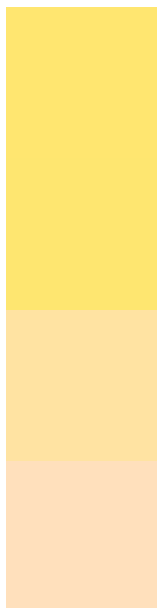
229.9800, 29.1150, -4.5250



Tritanopia

232.4200, 16.7330, 10.6290

Trichromacy



Original Color

224.0230, 52.7780, -31.3980

Protanomaly

223.7240, 52.1820, -31.6100

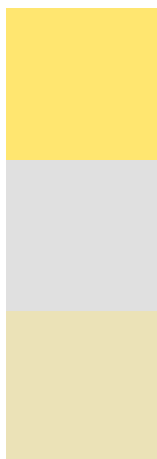
Deuteranomaly

227.9620, 37.5530, -14.2790

Tritanomaly

229.1650, 30.0320, -4.6240

Monochromacy



Original Color

224.0230, 52.7780, -31.3980

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7890, 19.1670, -11.4650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0230, 52.7780, -31.3980 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(255, 230, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 112)  
}
```

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(255, 230, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 112) }
```

Border

The CSS property to change the border of an element to YIQ 224.0230, 52.7780, -31.3980 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(255, 230, 112) }
```


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

```
.border{ border-color:rgb(255, 230, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0230, 52.7780, -31.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 112) }
```

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

```
.background{ background-color: rgb(255,  
230, 112) }
```

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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