

Converting Colors

YIQ(22.2230, -1.1050, 25.5430)

Have a look what the booklet for
YIQ(22.2230, -1.1050, 25.5430)
contains.

| | |
|--|----|
| YIQ(22.2230, -1.1050, 25.5430) | 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(22.2230, -1.1050,
25.5430)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 250643 |
| RGB | 37, 6, 67 |
| RGB Percent | 15%, 2%, 26% |
| CMY | 0.8548, 0.9765, 0.7373 |
| CMYK | 0.45, 0.91, 0.00, 0.74 |
| HSL | 271°, 84%, 14% |
| HSV | 271°, 91%, 26% |
| XYZ | 1.8417, 0.9289, 5.3903 |
| YIQ | 22.2230, -1.1050, 25.5430 |

Conversions

Conversions Part 2

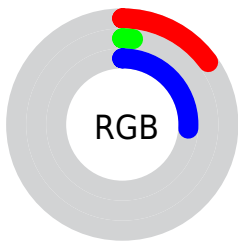
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 37, 6, 67 |
| Decimal | 2426435 |
| CIELab | 8.38, 29.19, -31.39 |
| CIELCh | 8, 42.868, 312.916 |
| Yxy | 0.9289, 0.2257, 0.1138 |
| Android (android.graphics.Color) | 4280616515 (0xFF250643) |
| YUV | 22.2230, 22.0751, 12.9594 |
| Hunter-Lab | 9.6380, 17.2425, -26.4133 |

Details

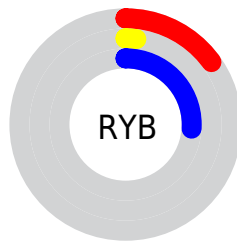
The YIQ color **22.2230, -1.1050, 25.5430** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.7770, 1.1050, -25.5430**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.8750, -0.0050, 27.6350**, and **3.2090, -7.6580, 6.6300** is the 20% darker color. If you saturate the color by 10%, you get **17.8040, -1.2430, 28.0450**, and if you desaturate by 10%, it is **27.2290, -1.2420, 22.5180**.

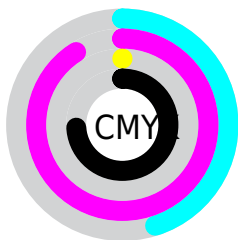
Distribution



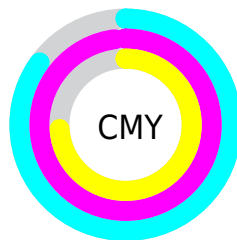
- Red (15%)
- Green (2%)
- Blue (26%)



- Red (15%)
- Yellow (2%)
- Blue (26%)



- Cyan (45%)
- Magenta (91%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.2230, -1.1050, 25.5430 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 22.2230, -1.1050, 25.5430 by changing the saturation by 10% instead.

■ 22.2230, -1.1050,
25.5430

■ 22.2230, -1.1050,
25.5430

■ 242.0860, 6.0500,
11.5060

■ 10.2130, -4.3130,
17.5990

■ 68.8750, -0.0050,
27.6350

■ 3.2090, -7.6580,
6.6300

■ 93.4020, -0.0510,
28.4690

■ 0.0000, 0.0000,
0.0000

■ 118.2280, 0.4990,
29.5150

■ 144.1680, 0.7280,
30.8720

■ 170.9940, 1.2780,
31.9180

■ 198.4070, 1.5530,

32.4410

■ 223.8560, 10.1740,
24.8780

■ 22.2230, -1.1050,
25.5430

■ 22.2230, -1.1050,
25.5430

■ 17.8040, -1.2430,
28.0450

■ 27.2290, -1.2420,
22.5180

■ 31.9470, -0.5080,
20.2280

■ 36.9530, -0.6450,
17.2030

■ 41.9590, -0.7820,
14.1780

■ 46.3780, -0.6440,
11.6760

■ 51.6830, -0.1850,
8.8630

■ 56.6890, -0.3220,
5.8380

■ 61.6950, -0.4590,
2.8130

■ 66.4130, 0.2750,
0.5230

Harmonies

Analogous

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



24.0230, -33.1970, 12.4270



22.2230, -1.1050, 25.5430



23.9240, 24.6620, 26.6300

Triad

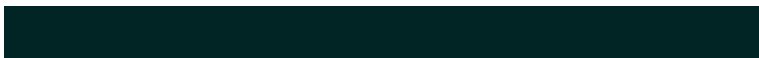
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.2230, -1.1050, 25.5430



23.4340, 22.1450, 0.6490



25.8230, -21.7310, -8.1550

Complementary

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



22.2230, -1.1050, 25.5430



50.7770, 1.1050, -25.5430

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.



21.1320, -9.9000, -18.8280



22.2230, -1.1050, 25.5430



21.5300, 3.8990, -10.0930

Square

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



22.2230, -1.1050, 25.5430



18.5380, 36.9520, 13.1440



19.9580, -9.3500, -17.7820



28.9010, -30.3980, 0.2420

Rectangle

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



22.2230, -1.1050, 25.5430



23.5520, 34.3370, 21.9930



19.9580, -9.3500, -17.7820



24.0960, -18.2460, -10.7420

Sweetspot

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



22.2230, -1.1050, 25.5430



69.3240, -0.5520, 10.0080



30.5640, -27.8310, 3.2810



32.9880, 0.2740, 6.0500



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



22.2230, -1.1050, 25.5430



23.0740, -1.7030, 36.3850



31.1930, 16.7750, 31.9030



30.9400, 0.2290, 1.3570



25.7090, -1.9330, 40.5550



59.6220, -3.9600, 93.8320

Inverse Universe

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



27.6590, 26.7260, 22.2620



30.9150, 38.0490, 31.8170



41.8070, -16.7750, -31.9030



31.0110, 1.4670, 0.9470



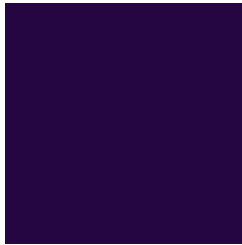
34.4750, 42.4040, 35.4920



79.5160, 98.1940, 81.6980

Previews

White Background



This preview shows how the YIQ color 22.2230, -1.1050, 25.5430 looks on a white background.

Color Contrast Check

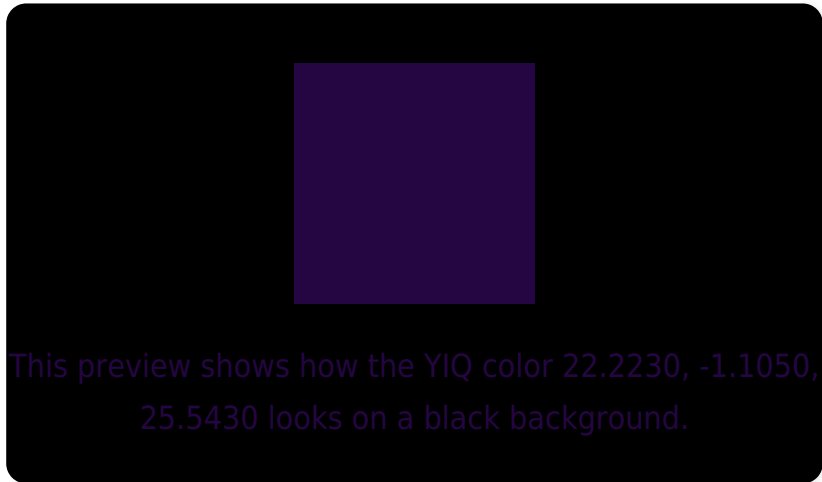
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

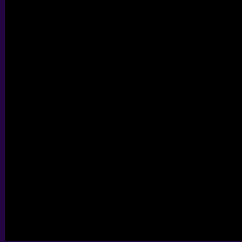
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 22.2230, -1.1050, 25.5430

Background



This preview shows how black text looks on a background with the YIQ color 22.2230, -1.1050, 25.5430.



This preview shows how white text looks on a background with the YIQ color 22.2230, -1.1050,

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

22.2230, -1.1050, 25.5430

Protanopia

21.5320, -24.8050, 3.5070

Deuteranopia

21.7940, -22.7870, -0.0270



Tritanopia

27.5270, -0.0460, 0.8340

Trichromacy



Original Color

22.2230, -1.1050, 25.5430

Protanomaly

21.7660, -16.4160, 11.1680

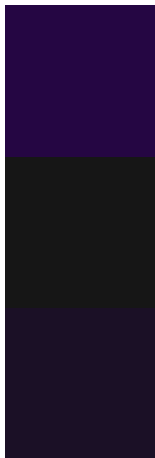
Deuteranomaly

21.7830, -15.0860, 9.0900

Tritanomaly

25.3240, -0.5520, 10.0080

Monochromacy



Original Color

22.2230, -1.1050, 25.5430

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.7970, -0.5060, 9.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.2230, -1.1050, 25.5430 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(37, 6, 67)` looks like.

```
.text, #text, p{  
    color:rgb(37, 6, 67)  
}
```

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(37, 6, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 6, 67) }
```

Border

The CSS property to change the border of an element to YIQ 22.2230, -1.1050, 25.5430 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(37, 6, 67) }
```


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

```
.border{ border-color:rgb(37, 6, 67) }
```

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

Here you see how a box with a 4 pixel rgb(37, 6, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 6, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 6, 67); box-shadow:4px  
4px 4px 4px rgb(37, 6, 67) }
```

Background

The CSS property to change the background color of an element to YIQ 22.2230, -1.1050, 25.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 6, 67) }
```

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

```
.background{ background-color: rgb(37, 6,  
67) }
```

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