

Converting Colors

YIQ(22.3030, -5.2270, 1.1170)

Have a look what the booklet for
YIQ(22.3030, -5.2270, 1.1170)
contains.

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Color

**YIQ(22.3030, -5.2270,
1.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	12171E
RGB	18, 23, 30
RGB Percent	7%, 9%, 12%
CMY	0.9294, 0.9098, 0.8824
CMYK	0.40, 0.23, 0.00, 0.88
HSL	215°, 25%, 9%
HSV	215°, 40%, 12%
XYZ	0.7901, 0.8352, 1.3474
YIQ	22.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

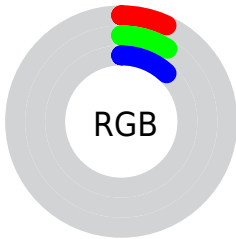
Format	Color
RYB	18, 22, 30
Decimal	1185566
CIELab	7.54, -0.15, -5.67
CIELCh	8, 5.669, 268.477
Yxy	0.8352, 0.2658, 0.2809
Android (android.graphics.Color)	4279375646 (0xFF12171E)
YUV	22.3030, 3.7946, -3.7737
Hunter-Lab	9.1387, -0.5600, -2.3446




Details

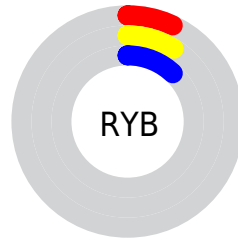
The YIQ color **22.3030, -5.2270, 1.1170** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.6970, 5.2270, -1.1170**, and the grayscale version is **22.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **64.5310, -5.8690, 1.7390**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.2320, -6.4650, 1.5270**, and if you desaturate by 10%, it is **24.3740, -3.9890, 0.7070**.

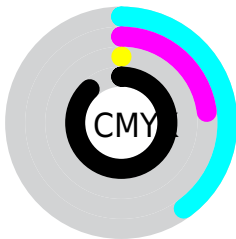
Distribution







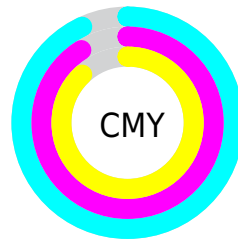
-  Red (7%)
-  Green (9%)
-  Blue (12%)






-  Red (7%)
-  Yellow (9%)
-  Blue (12%)



-  Cyan (40%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (88%)



-  Cyan (93%)
-  Magenta (91%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.3030, -5.2270, 1.1170 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 22.3030, -5.2270, 1.1170 by changing the saturation by 10% instead.

■ 22.3030, -5.2270,
1.1170

■ 22.3030, -5.2270,
1.1170

■ 247.0040, -5.8230,
0.9050

■ 0.3420, -0.9630,
0.9330

■ 64.5310, -5.8690,
1.7390

■ 0.0000, 0.0000,
0.0000

■ 88.1180, -6.1440,
1.2160

■ 112.5310, -5.8690,
1.7390

■ 138.2320, -6.4650,
1.5270

■ 164.3460, -6.7860,
1.8380

■ 191.3460, -6.7860,

1.8380

■ 219.3460, -6.7860,
1.8380

■ 22.3030, -5.2270,
1.1170

■ 22.3030, -5.2270,
1.1170

■ 20.2320, -6.4650,
1.5270

■ 24.3740, -3.9890,
0.7070

■ 18.7480, -7.9780,
1.4140

■ 25.8580, -2.4760,
0.8200

■ 16.6770, -9.2160,
1.8240

■ 27.9290, -1.2380,
0.4100

■ 14.6060, -10.4540,
2.2340

■ 30.0000, -0.0000,
-0.0000

■ 12.5350, -11.6920,
2.6440

■ 32.0710, 1.2380,
-0.4100

■ 11.0510, -13.2050,
2.5310

■ 33.5550, 2.7510,
-0.2970

■ 35.6260, 3.9890,
-0.7070

■ 37.6970, 5.2270,
-1.1170

■ 39.7680, 6.4650,
-1.5270

Harmonies

Analogous

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



21.2810, -8.1610, -0.7770



22.3030, -5.2270, 1.1170



23.0970, -1.6510, 2.3890

Triad

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



22.3030, -5.2270, 1.1170



22.8760, 6.2810, 1.8090



21.2230, -2.2460, -3.3500

Complementary

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



22.3030, -5.2270, 1.1170



25.6970, 5.2270, -1.1170

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.



21.7890, 1.9720, -2.7000



22.3030, -5.2270, 1.1170



22.7080, 6.6940, -0.1700

Square

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



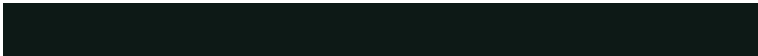
22.3030, -5.2270, 1.1170



23.3320, 4.9970, 3.0530



22.1700, 5.2730, -1.9510



21.0700, -6.1890, -3.4770

Rectangle

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



22.3030, -5.2270, 1.1170



23.2930, 0.7330, 3.2370



22.1700, 5.2730, -1.9510



21.7070, -0.7330, -3.2370

Sweetspot

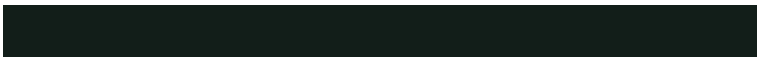
The Sweet Spot groups the original color and five complimentary colors.



22.3030, -5.2270, 1.1170



35.6300, -1.8340, 0.1980



25.8420, -5.5470, -4.0990



18.8150, -0.9170, 0.0990



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



22.3030, -5.2270, 1.1170



26.7480, -7.9780, 1.4140



19.6670, -3.2560, 3.9440



14.1140, -0.3210, 0.3110



28.3770, -34.4340, 7.3100



74.0800, -90.0970, 19.3990

Inverse Universe

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



22.1580, 5.5470, 4.0990



26.2940, 8.1600, 6.3040



28.3330, 3.2560, -3.9440



14.2990, 0.5960, 0.2120



27.3830, 36.4910, 27.0110



71.6970, 95.7660, 70.6300

Previews

White Background



This preview shows how the YIQ color 22.3030, -5.2270, 1.1170 looks on a white background.

Color Contrast Check

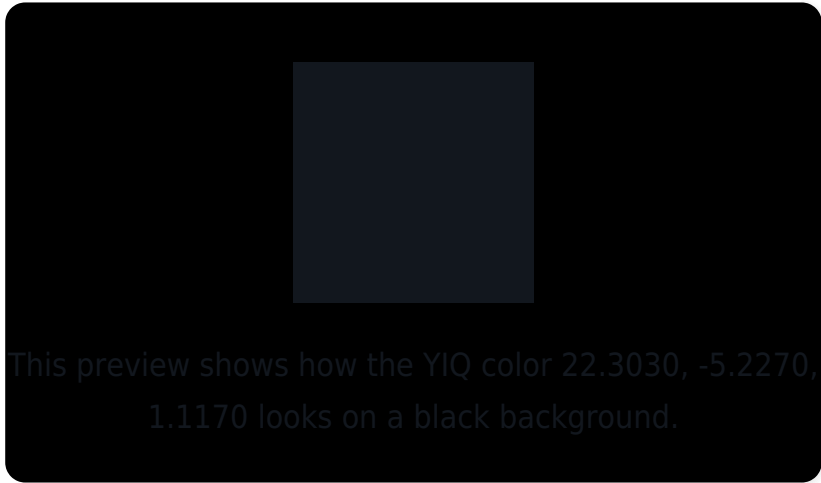
Large Text (above 18pt) WCAG AA ✓ Pass

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

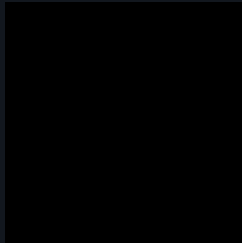
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

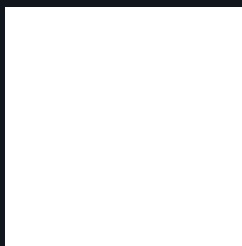
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 22.3030, -5.2270, 1.1170

Background



This preview shows how black text looks on a background with the YIQ color 22.3030, -5.2270, 1.1170.



This preview shows how white text looks on a background with the YIQ color 22.3030, -5.2270, 1.1170.

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

22.3030, -5.2270, 1.1170

Protanopia

22.6130, -3.1640, 2.2760

Deuteranopia

22.6130, -3.1640, 2.2760



Tritanopia

22.1350, -4.8140, -0.8620

Trichromacy



Original Color

22.3030, -5.2270, 1.1170

Protanomaly

22.3140, -3.7600, 2.0640

Deuteranomaly

22.3140, -3.7600, 2.0640

Tritanomaly

22.2490, -5.1350, -0.5510

Monochromacy



Original Color

22.3030, -5.2270, 1.1170

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

22.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.3030, -5.2270, 1.1170 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(18, 23, 30)` looks like.

```
.text, #text, p{  
    color:rgb(18, 23, 30)  
}
```

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(18, 23, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 23, 30) }
```

Border

The CSS property to change the border of an element to YIQ 22.3030, -5.2270, 1.1170 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(18, 23, 30) }
```


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

```
.border{ border-color:rgb(18, 23, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 23, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 23, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 23, 30);  
box-shadow:4px 4px 4px 4px rgb(18, 23, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.3030, -5.2270, 1.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 23, 30) }
```

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

```
.background{ background-color: rgb(18, 23,  
30) }
```

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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