

Converting Colors

YIQ(22.1650, -13.5260, 2.8420)

Have a look what the booklet for
YIQ(22.1650, -13.5260, 2.8420)
contains.

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Color

**YIQ(22.1650, -13.5260,
2.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	0B182A
RGB	11, 24, 42
RGB Percent	4%, 9%, 16%
CMY	0.9569, 0.9059, 0.8354
CMYK	0.74, 0.43, 0.00, 0.84
HSL	215°, 58%, 10%
HSV	215°, 74%, 16%
XYZ	0.8823, 0.8917, 2.3145
YIQ	22.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

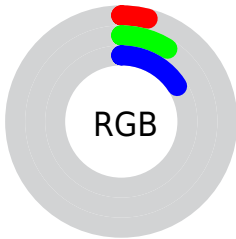
Format	Color
R_{YB}	11, 20, 42
Decimal	727082
CIE Lab	8.05, 1.40, -13.93
CIE LCh	8, 14.000, 275.742
Yxy	0.8917, 0.2158, 0.2181
Android (android.graphics.Color)	4278917162 (0xFF0B182A)
YUV	22.1650, 9.7787, -9.7917
Hunter-Lab	9.4427, 0.1537, -7.9224

Details

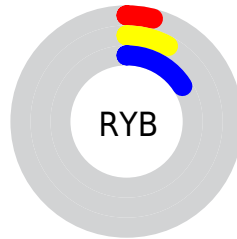
The YIQ color **22.1650, -13.5260, 2.8420** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **30.8350, 13.5260, -2.8420**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **65.4040, -12.7010, 4.4110**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.7950, -15.3600, 3.0400**, and if you desaturate by 10%, it is **24.5350, -11.6920, 2.6440**.

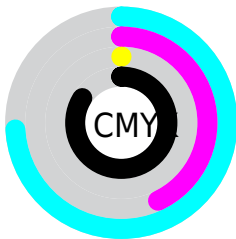
Distribution



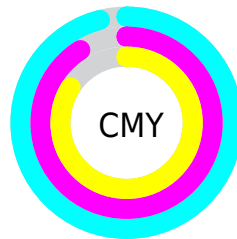
- Red (4%)
- Green (9%)
- Blue (16%)



- Red (4%)
- Yellow (8%)
- Blue (16%)



- Cyan (74%)
- Magenta (43%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.1650, -13.5260, 2.8420 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 22.1650, -13.5260, 2.8420 by changing the saturation by 10% instead.

■ 22.1650, -13.5260,
2.8420

■ 22.1650, -13.5260,
2.8420

■ 246.9820, -8.7570,
-0.9890

■ 3.0950, -7.3370,
6.3190

■ 65.4040, -12.7010,
4.4110

■ 0.0000, 0.0000,
0.0000

■ 89.2190, -13.6180,
4.5100

■ 113.6320,
-13.3430, 5.0330

■ 139.4470,
-14.2600, 5.1320

■ 165.5610,
-14.5810, 5.4430

■ 192.6750,

-14.9020, 5.7540

■ 220.6750,
-14.9020, 5.7540

■ 22.1650, -13.5260,
2.8420

■ 22.1650, -13.5260,
2.8420

■ 19.7950, -15.3600,
3.0400

■ 24.5350, -11.6920,
2.6440

■ 16.8380, -16.9190,
3.7610

■ 27.4920, -10.1330,
1.9230

■ 15.3540, -18.4320,
3.6480

■ 30.1610, -7.7030,
1.9370

■ 33.1180, -6.1440,
1.2160

■ 35.4880, -4.3100,
1.0180

■ 38.4450, -2.7510,
0.2970

■ 40.8150, -0.9170,
0.0990

■ 43.4840, 1.5130,
0.1130

■ 46.4410, 3.0720,
-0.6080

Harmonies

Analogous

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



20.4090, -20.2650, -1.6810



22.1650, -13.5260, 2.8420



24.8460, -2.2020, 6.8700

Triad

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



22.1650, -13.5260, 2.8420



23.3780, 16.5510, 2.9110



18.9290, -10.4060, -9.6540

Complementary

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



22.1650, -13.5260, 2.8420



30.8350, 13.5260, -2.8420

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.



21.0570, 3.8530, -9.2590



22.1650, -13.5260, 2.8420



22.8030, 16.5520, -2.6160

Square

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



22.1650, -13.5260, 2.8420



24.1590, 12.9740, 7.1660



22.4710, 11.5550, -5.6690



19.8730, -16.0000, -7.3920

Rectangle

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



22.1650, -13.5260, 2.8420



24.6080, 4.4000, 8.3680



22.4710, 11.5550, -5.6690



19.9680, -6.1420, -9.8380

Sweetspot

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



22.1650, -13.5260, 2.8420



46.3030, -5.2270, 1.1170



31.2490, -14.3030, -10.6150



23.5590, -3.0720, 0.6080



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



22.1650, -13.5260, 2.8420



23.2120, -20.9080, 4.4680



15.1320, -8.7590, 10.0650



18.8150, -0.9170, 0.0990



30.1210, -36.5890, 7.8190



76.4110, -92.5270, 19.3850

Inverse Universe

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



21.7510, 14.3030, 10.6150



22.6320, 22.1880, 16.3960



37.8680, 8.7590, -10.0650



18.7120, 0.8710, 0.7350



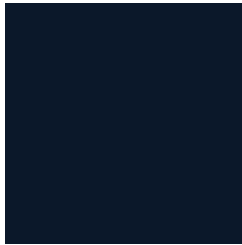
29.1060, 38.8290, 28.6930



73.5340, 97.7830, 72.6230

Previews

White Background



This preview shows how the YIQ color 22.1650, -13.5260, 2.8420 looks on a white background.

Color Contrast Check

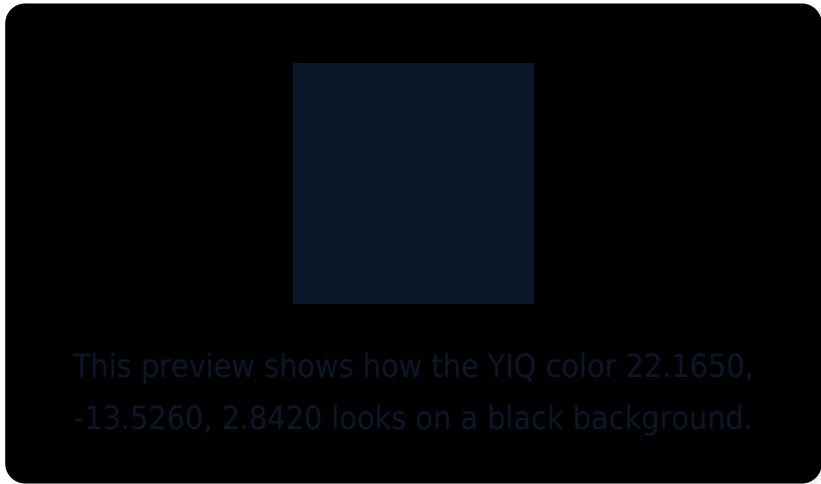
Large Text (above 18pt) WCAG AA ✓ Pass

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

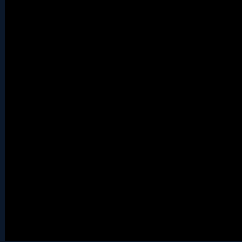
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 22.1650, -13.5260, 2.8420

Background



This preview shows how black text looks on a background with the YIQ color 22.1650, -13.5260, 2.8420.



This preview shows how white text looks on a background with the YIQ color 22.1650, -13.5260,

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

22.1650, -13.5260, 2.8420

Protanopia

22.9590, -9.9500, 4.1140

Deuteranopia

21.5670, -14.7180, 2.4180



Tritanopia

19.1550, -16.7340, -5.1020

Trichromacy



Original Color

22.1650, -13.5260, 2.8420

Protanomaly

22.3610, -11.1420, 3.6900

Deuteranomaly

21.8660, -14.1220, 2.6300

Tritanomaly

20.3340, -15.6800, -2.1760

Monochromacy



Original Color

22.1650, -13.5260, 2.8420

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

22.1890, -4.9060, 0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.1650, -13.5260, 2.8420 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(11, 24, 42)` looks like.

```
.text, #text, p{  
    color:rgb(11, 24, 42)  
}
```

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(11, 24, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 24, 42) }
```

Border

The CSS property to change the border of an element to YIQ 22.1650, -13.5260, 2.8420 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(11, 24, 42) }
```


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

```
.border{ border-color:rgb(11, 24, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 24, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 24, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 24, 42);  
box-shadow:4px 4px 4px 4px rgb(11, 24, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.1650, -13.5260, 2.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 24, 42) }
```

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

```
.background{ background-color: rgb(11, 24,  
42) }
```

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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