

Converting Colors

YIQ(22.2320, -6.4650, 1.5270)

Have a look what the booklet for
YIQ(22.2320, -6.4650, 1.5270)
contains.

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Color

**YIQ(22.2320, -6.4650,
1.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	111720
RGB	17, 23, 32
RGB Percent	7%, 9%, 13%
CMY	0.9333, 0.9098, 0.8745
CMYK	0.47, 0.28, 0.00, 0.87
HSL	216°, 31%, 10%
HSV	216°, 47%, 13%
XYZ	0.7982, 0.8363, 1.4853
YIQ	22.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

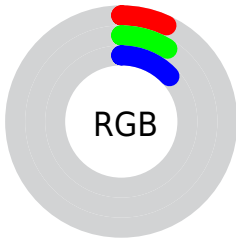
Format	Color
R_YB	17, 21, 32
Decimal	1120032
CIE Lab	7.55, 0.14, -7.18
CIE LCh	8, 7.178, 271.082
Yxy	0.8363, 0.2558, 0.2681
Android (android.graphics.Color)	4279310112 (0xFF111720)
YUV	22.2320, 4.8156, -4.5885
Hunter-Lab	9.1449, -0.4238, -3.2282

Details

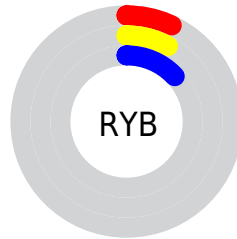
The YIQ color **22.2320, -6.4650, 1.5270** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.7680, 6.4650, -1.5270**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **64.4600, -7.1070, 2.1490**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.1610, -7.7030, 1.9370**, and if you desaturate by 10%, it is **24.3030, -5.2270, 1.1170**.

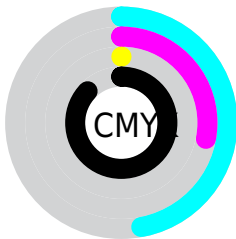
Distribution



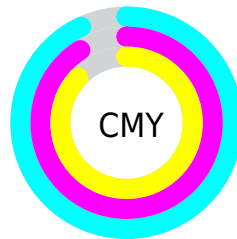
- Red (7%)
- Green (9%)
- Blue (13%)



- Red (7%)
- Yellow (8%)
- Blue (13%)



- Cyan (47%)
- Magenta (28%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.2320, -6.4650, 1.5270 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 22.2320, -6.4650, 1.5270 by changing the saturation by 10% instead.

■ 22.2320, -6.4650,
1.5270

■ 22.2320, -6.4650,
1.5270

■ 246.7050, -6.4190,
0.6930

■ 0.7980, -2.2470,
2.1770

■ 64.4600, -7.1070,
2.1490

■ 0.0000, 0.0000,
0.0000

■ 88.4600, -7.1070,
2.1490

■ 112.5740, -7.4280,
2.4600

■ 138.2750, -8.0240,
2.2480

■ 164.2750, -8.0240,
2.2480

■ 191.3890, -8.3450,

2.5590

■ 219.3890, -8.3450,
2.5590

■ 22.2320, -6.4650,
1.5270

■ 22.2320, -6.4650,
1.5270

■ 20.1610, -7.7030,
1.9370

■ 24.3030, -5.2270,
1.1170

■ 18.0900, -8.9410,
2.3470

■ 26.3740, -3.9890,
0.7070

■ 15.7200, -10.7750,
2.5450

■ 28.7440, -2.1550,
0.5090

■ 13.6490, -12.0130,
2.9550

■ 30.8150, -0.9170,
0.0990

■ 11.5780, -13.2510,
3.3650

■ 32.8860, 0.3210,
-0.3110

■ 11.2790, -13.8470,
3.1530

■ 34.9570, 1.5590,
-0.7210

■ 36.4410, 3.0720,
-0.6080

■ 38.8110, 4.9060,
-0.8060

■ 40.8820, 6.1440,
-1.2160

Harmonies

Analogous

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



20.6120, -10.5910, -0.7910



22.2320, -6.4650, 1.5270



23.0370, -1.4220, 3.7460

Triad

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



22.2320, -6.4650, 1.5270



23.2460, 8.1150, 1.6110



21.0980, -3.3920, -4.6080

Complementary

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



22.2320, -6.4650, 1.5270



26.7680, 6.4650, -1.5270

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.



21.7350, 2.0640, -4.3680



22.2320, -6.4650, 1.5270



22.6650, 8.2530, -0.8910

Square

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



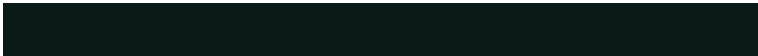
22.2320, -6.4650, 1.5270



23.3430, 6.4640, 4.0000



22.1270, 6.8320, -2.6720



20.5750, -9.1690, -4.5370

Rectangle

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



22.2320, -6.4650, 1.5270



23.1190, 1.2830, 4.2830



22.1270, 6.8320, -2.6720



21.4680, -1.5580, -4.8060

Sweetspot

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



22.2320, -6.4650, 1.5270



36.8580, -2.4760, 0.8200



26.8310, -7.0140, -5.0460



17.9290, -1.2380, 0.4100



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.



22.2320, -6.4650, 1.5270



25.9050, -9.8580, 2.4460



19.0090, -4.2190, 4.8770



14.1140, -0.3210, 0.3110



27.7900, -34.1590, 7.8330



72.3190, -89.2720, 20.9680

Inverse Universe

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



22.1690, 7.0140, 5.0460



25.9030, 10.8190, 7.6750



29.9910, 4.2190, -4.8770



14.2990, 0.5960, 0.2120



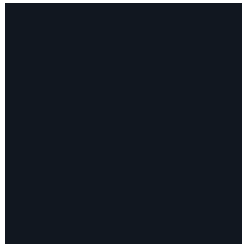
27.2690, 36.8120, 26.7000



71.3550, 96.7290, 69.6970

Previews

White Background



This preview shows how the YIQ color 22.2320, -6.4650, 1.5270 looks on a white background.

Color Contrast Check

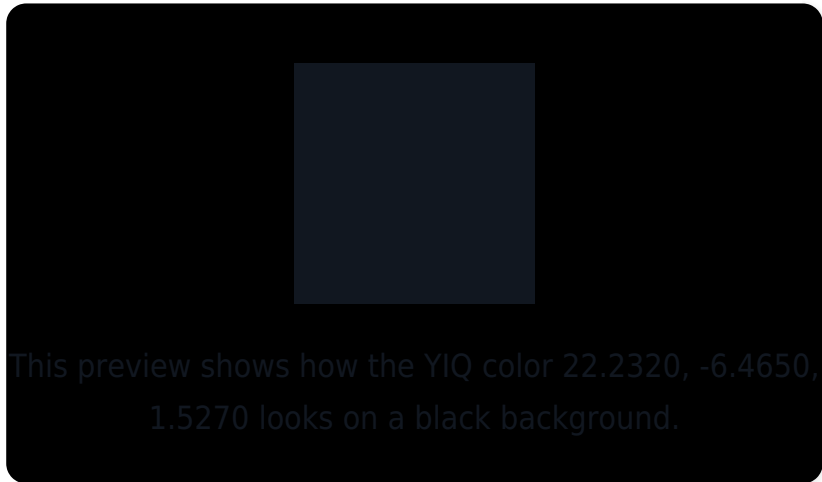
Large Text (above 18pt) WCAG AA ✓ Pass

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

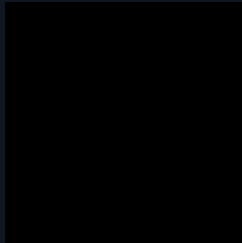
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

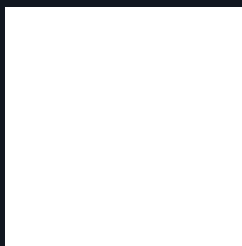
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 22.2320, -6.4650, 1.5270

Background



This preview shows how black text looks on a background with the YIQ color 22.2320, -6.4650, 1.5270.



This preview shows how white text looks on a background with the YIQ color 22.2320, -6.4650,

1.5270.

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

22.2320, -6.4650, 1.5270

Protanopia

22.4280, -4.0810, 2.3750

Deuteranopia

22.2430, -4.9980, 2.4740



Tritanopia

21.5370, -6.0060, -1.2860

Trichromacy



Original Color

22.2320, -6.4650, 1.5270

Protanomaly

22.1290, -4.6770, 2.1630

Deuteranomaly

21.9440, -5.5940, 2.2620

Tritanomaly

22.0640, -6.0520, -0.4520

Monochromacy



Original Color

22.2320, -6.4650, 1.5270

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.2320, -6.4650, 1.5270 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(17, 23, 32)` looks like.

```
.text, #text, p{  
    color:rgb(17, 23, 32)  
}
```

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(17, 23, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 23, 32) }
```

Border

The CSS property to change the border of an element to YIQ 22.2320, -6.4650, 1.5270 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(17, 23, 32) }
```


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

```
.border{ border-color:rgb(17, 23, 32) }
```

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

Here you see how a box with a 4 pixel rgb(17, 23, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 23, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 23, 32);  
box-shadow:4px 4px 4px 4px rgb(17, 23, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.2320, -6.4650, 1.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 23, 32) }
```

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

```
.background{ background-color: rgb(17, 23,  
32) }
```

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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