

Converting Colors

YIQ(22.5040, -18.4340, 14.7020)

Have a look what the booklet for
YIQ(22.5040, -18.4340, 14.7020)
contains.

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Color

**YIQ(22.5040, -18.4340,
14.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	0E1244
RGB	14, 18, 68
RGB Percent	5%, 7%, 27%
CMY	0.9451, 0.9294, 0.7334
CMYK	0.79, 0.74, 0.00, 0.73
HSL	236°, 66%, 16%
HSV	236°, 79%, 27%
XYZ	1.4400, 0.9431, 5.5704
YIQ	22.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

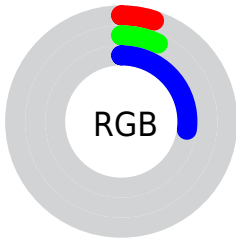
Format	Color
R_{YB}	14, 18, 68
Decimal	922180
CIE Lab	8.51, 18.08, -31.99
CIE LCh	9, 36.749, 299.480
Yxy	0.9431, 0.1811, 0.1186
Android (android.graphics.Color)	4279112260 (0xFF0E1244)
YUV	22.5040, 22.4295, -7.4580
Hunter-Lab	9.7113, 9.4743, -27.2111

Details

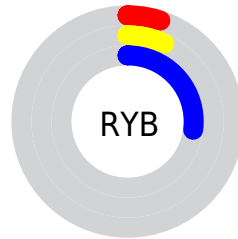
The YIQ color **22.5040, -18.4340, 14.7020** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **59.4960, 18.4340, -14.7020**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.2920, -14.7210, 18.9990**, and **3.3230, -7.9790, 6.9410** is the 20% darker color. If you saturate the color by 10%, you get **16.8890, -20.9560, 16.3560**, and if you desaturate by 10%, it is **28.1190, -15.9120, 13.0480**.

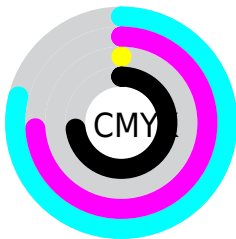
Distribution



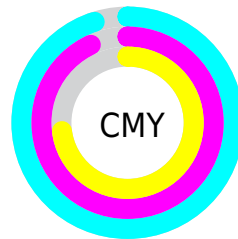
- Red (5%)
- Green (7%)
- Blue (27%)



- Red (5%)
- Yellow (7%)
- Blue (27%)



- Cyan (79%)
- Magenta (74%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.5040, -18.4340, 14.7020 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 22.5040, -18.4340, 14.7020 by changing the saturation by 10% instead.

■ 22.5040, -18.4340,
14.7020

■ 22.5040, -18.4340,
14.7020

■ 247.3690, 3.5750,
6.7990

■ 5.2440, -14.7660,
14.3060

■ 68.2920, -14.7210,
18.9990

■ 3.3230, -7.9790,
6.9410

■ 92.2320, -14.4920,
20.3560

■ 0.0000, 0.0000,
0.0000

■ 116.7590,
-14.5380, 21.1900

■ 143.2860,
-14.5840, 22.0240

■ 169.8130,
-14.6300, 22.8580

■ 197.3400,

-14.6760, 23.6920

■ 221.6750, -5.7340,
15.8180

■ 22.5040, -18.4340,
14.7020

■ 22.5040, -18.4340,
14.7020

■ 16.8890, -20.9560,
16.3560

■ 28.1190, -15.9120,
13.0480

■ 10.6870, -23.2030,
18.5330

■ 34.3210, -13.6650,
10.8710

■ 39.6370, -11.7390,
9.0050

■ 45.2520, -9.2170,
7.3510

■ 50.8670, -6.6950,
5.6970

■ 57.0690, -4.4480,
3.5200

■ 62.6840, -1.9260,
1.8660

■ 68.0000, -0.0000,
0.0000

■ 74.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



24.9860, -31.7750, 8.6810



22.5040, -18.4340, 14.7020



21.2480, 14.9420, 26.5740

Triad

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



22.5040, -18.4340, 14.7020



22.2930, 27.0960, 4.5360



24.3410, -17.5580, -12.1980

Complementary

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



22.5040, -18.4340, 14.7020



59.4960, 18.4340, -14.7020

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.



20.5450, -9.6250, -18.3050



22.5040, -18.4340, 14.7020



23.9550, 13.0680, -5.5560

Square

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



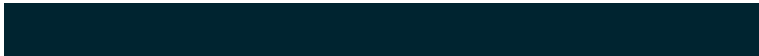
22.5040, -18.4340, 14.7020



18.8370, 37.5480, 13.3560



17.9090, -7.6540, -15.4780



26.6040, -25.3080, -3.9000

Rectangle

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



22.5040, -18.4340, 14.7020



22.4140, 26.0380, 23.7180



17.9090, -7.6540, -15.4780



22.6140, -14.0730, -14.7850

Sweetspot

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



22.5040, -18.4340, 14.7020



70.9810, -7.0160, 6.0080



51.2840, -30.5790, -13.0030



35.0690, -4.4480, 3.5200



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



22.5040, -18.4340, 14.7020



17.7990, -29.2100, 22.7740



26.7340, -4.2220, 21.4580



30.3420, -0.9630, 0.9330



15.1670, -33.0620, 26.5060



35.5150, -76.5790, 60.7730

Inverse Universe

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



30.6020, 30.9000, 12.6920



30.2130, 48.4130, 20.1970



54.9670, 3.6260, -21.6700



30.8970, 1.7880, 0.6360



29.8010, 55.5650, 22.7410



68.9140, 128.0470, 52.7750

Previews

White Background



This preview shows how the YIQ color 22.5040, -18.4340, 14.7020 looks on a white background.

Color Contrast Check

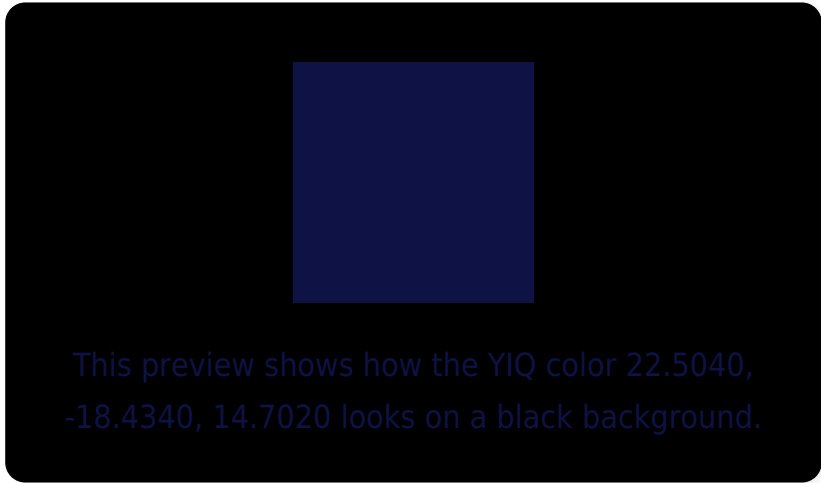
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5040, -18.4340, 14.7020

Background



This preview shows how black text looks on a background with the YIQ color 22.5040, -18.4340, 14.7020.



This preview shows how white text looks on a background with the YIQ color 22.5040, -18.4340,

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

22.5040, -18.4340, 14.7020

Protanopia

20.6030, -23.5670, 3.0970

Deuteranopia

20.2780, -21.2740, 0.0860



Tritanopia

19.8560, -17.3300, -5.3140

Trichromacy



Original Color

22.5040, -18.4340, 14.7020

Protanomaly

21.0210, -21.6880, 7.5920

Deuteranomaly

21.0380, -20.3580, 5.5140

Tritanomaly

20.5990, -17.7440, 2.1920

Monochromacy



Original Color

22.5040, -18.4340, 14.7020

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

22.7530, -6.3740, 5.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.5040, -18.4340, 14.7020 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(14, 18, 68)` looks like.

```
.text, #text, p{  
    color:rgb(14, 18, 68)  
}
```

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(14, 18, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 18, 68) }
```

Border

The CSS property to change the border of an element to YIQ 22.5040, -18.4340, 14.7020 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(14, 18, 68) }
```


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

```
.border{ border-color:rgb(14, 18, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 18, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 18, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 18, 68);  
box-shadow:4px 4px 4px 4px rgb(14, 18, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.5040, -18.4340, 14.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 18, 68) }
```

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

```
.background{ background-color: rgb(14, 18,  
68) }
```

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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