

Converting Colors

YIQ(12.6740, 13.2020, 14.0500)

Have a look what the booklet for
YIQ(12.6740, 13.2020, 14.0500)
contains.

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Color

**YIQ(12.6740, 13.2020,
14.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	220016
RGB	34, 0, 22
RGB Percent	13%, 0%, 9%
CMY	0.8666, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.35, 0.87
HSL	321°, 100%, 7%
HSV	321°, 100%, 13%
XYZ	0.8054, 0.3985, 0.7940
YIQ	12.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

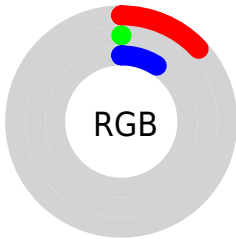
Format	Color
R_YB	34, 0, 22
Decimal	2228246
CIE Lab	3.60, 17.48, -5.15
CIE LCh	4, 18.221, 343.579
Yxy	0.3985, 0.4031, 0.1994
Android (android.graphics.Color)	4280418326 (0xFF220016)
YUV	12.6740, 4.5977, 18.7029
Hunter-Lab	6.3123, 11.7282, -3.0390

Details

The YIQ color **12.6740, 13.2020, 14.0500** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.3260, -13.2020, -14.0500**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.6200, 13.2940, 12.3820**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.6740, 13.2020, 14.0500**, and if you desaturate by 10%, it is **14.5490, 12.0560, 12.7920**.

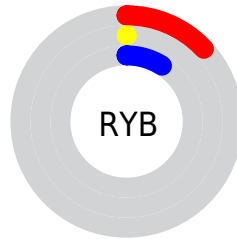
Distribution



Red (13%)

Green (0%)

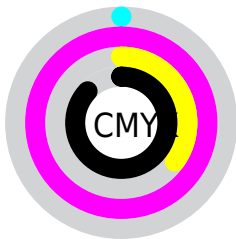
Blue (9%)



Red (13%)

Yellow (0%)

Blue (9%)

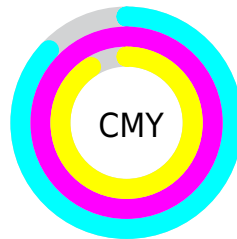


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (87%)



Cyan (87%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 12.6740, 13.2020, 14.0500 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 12.6740, 13.2020, 14.0500 by changing the saturation by 10% instead.

■ 12.6740, 13.2020,
14.0500

■ 12.6740, 13.2020,
14.0500

■ 237.0650, 10.5430,
12.6790

■ 0.0000, 0.0000,
0.0000

■ 57.6200, 13.2940,
12.3820

■ 81.0330, 13.5690,
12.9050

■ 105.6310, 14.7610,
13.3290

■ 130.9300, 15.3570,
13.5410

■ 157.3430, 15.6320,
14.0640

■ 184.0550, 16.5030,

14.7990

■ 211.9410, 16.8240,
14.4880

■ 12.6740, 13.2020,
14.0500

■ 14.5490, 12.0560,
12.7920

■ 17.0110, 10.6350,
11.0110

■ 19.0000, 9.1680,
10.0640

■ 21.4620, 7.7470,
8.2830

■ 23.3370, 6.6010,
7.0250

■ 25.2120, 5.4550,
5.7670

■ 27.6740, 4.0340,
3.9860

■ 29.6630, 2.5670,
3.0390

■ 32.1250, 1.1460,
1.2580

Harmonies

Analogous

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



13.7590, 2.6570, 12.4250



12.6740, 13.2020, 14.0500



11.8180, 21.3640, 9.3000

Triad

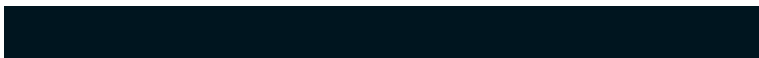
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.6740, 13.2020, 14.0500



11.4960, 1.2390, -5.9370



15.8610, -15.7260, -1.3420

Complementary

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



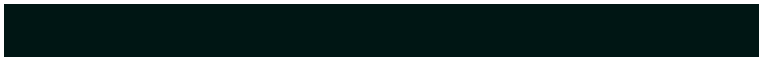
12.6740, 13.2020, 14.0500



21.3260, -13.2020, -14.0500

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.



15.1940, -12.4700, -5.2860



12.6740, 13.2020, 14.0500



11.7400, -5.5000, -10.4600

Square

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



12.6740, 13.2020, 14.0500



13.0570, 13.0210, 0.8050



12.3270, -5.7750, -10.9830



14.1970, -16.5520, 2.6160

Rectangle

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



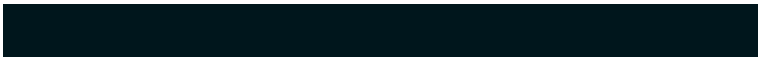
12.6740, 13.2020, 14.0500



11.6500, 21.7770, 7.3210



12.3270, -5.7750, -10.9830



16.1060, -15.0380, -2.7980

Sweetspot

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



12.6740, 13.2020, 14.0500



34.9130, 4.8590, 5.5550



7.4640, -3.7620, 13.1180



17.9620, 3.1630, 3.2510



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



12.6740, 13.2020, 14.0500



16.0490, 16.6400, 17.8240



10.7360, 18.6590, 8.7630



16.7120, 0.8710, 0.7350



30.5600, 31.8590, 33.8670



77.8810, 81.2290, 86.2930

Inverse Universe

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



12.6740, 13.2020, 14.0500



16.0490, 16.6400, 17.8240



23.2640, -18.6590, -8.7630



16.7120, 0.8710, 0.7350



30.5600, 31.8590, 33.8670



77.8810, 81.2290, 86.2930

Previews

White Background



This preview shows how the YIQ color 12.6740, 13.2020, 14.0500 looks on a white background.

Color Contrast Check

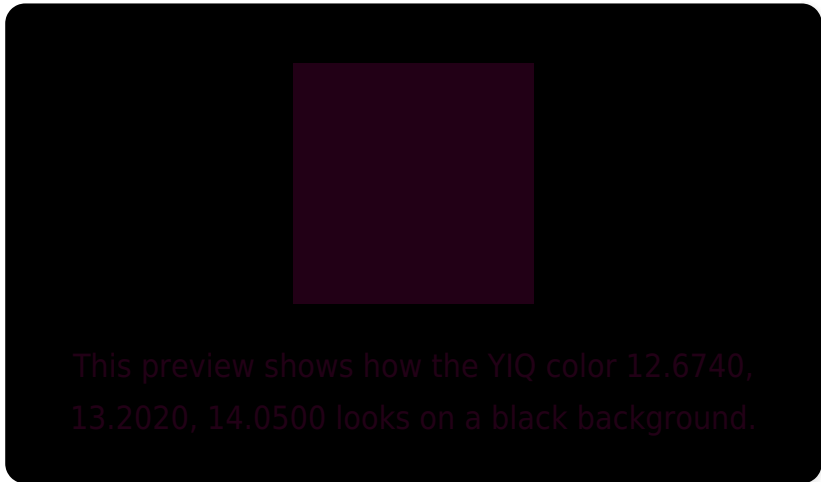
Large Text (above 18pt) WCAG AA ✓ Pass

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

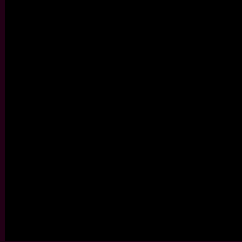
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 12.6740, 13.2020, 14.0500

Background



This preview shows how black text looks on a background with the YIQ color 12.6740, 13.2020, 14.0500.



This preview shows how white text looks on a background with the YIQ color 12.6740, 13.2020,

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

12.6740, 13.2020, 14.0500

Protanopia

17.6880, -7.7490, 2.7710

Deuteranopia

18.5270, -0.0460, 0.8340



Tritanopia

16.1760, 14.3040, 5.0880

Trichromacy



Original Color

12.6740, 13.2020, 14.0500

Protanomaly

15.6290, -0.0930, 7.1950

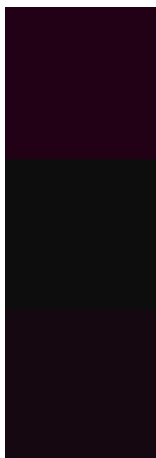
Deuteranomaly

16.0270, 4.5380, 5.8660

Tritanomaly

14.9850, 13.5240, 8.2120

Monochromacy



Original Color

12.6740, 13.2020, 14.0500

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

12.7990, 5.1800, 5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 12.6740, 13.2020, 14.0500 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(34, 0, 22)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 22)  
}
```

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(34, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 22) }
```

Border

The CSS property to change the border of an element to YIQ 12.6740, 13.2020, 14.0500 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(34, 0, 22) }
```


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

```
.border{ border-color:rgb(34, 0, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 0, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 0, 22); box-shadow:4px  
4px 4px 4px rgb(34, 0, 22) }
```

Background

The CSS property to change the background color of an element to YIQ 12.6740, 13.2020, 14.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 22) }
```

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

```
.background{ background-color: rgb(34, 0,  
22) }
```

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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