

Converting Colors

YIQ(24.9960, -20.5400, -2.2040)

Have a look what the booklet for
YIQ(24.9960, -20.5400, -2.2040)
contains.

YIQ(24.9960, -20.5400, -2.2040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(24.9960, -20.5400,
-2.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	04202C
RGB	4, 32, 44
RGB Percent	2%, 13%, 17%
CMY	0.9844, 0.8745, 0.8275
CMYK	0.91, 0.27, 0.00, 0.83
HSL	198°, 83%, 9%
HSV	198°, 91%, 17%
XYZ	1.0209, 1.2410, 2.5663
YIQ	24.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

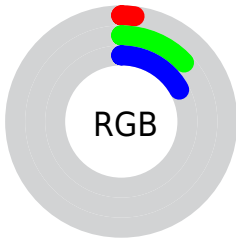
Format	Color
R_{YB}	4, 20, 44
Decimal	270380
CIE _{Lab}	10.86, -5.44, -11.04
CIE _{LCh}	11, 12.307, 243.753
Yxy	1.2410, 0.2114, 0.2570
Android (android.graphics.Color)	4278460460 (0xFF04202C)
YUV	24.9960, 9.3690, -18.4135
Hunter-Lab	11.1402, -3.1376, -5.8602

Details

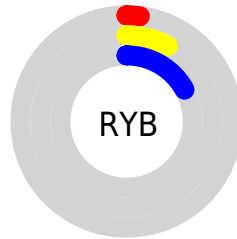
The YIQ color **24.9960, -20.5400, -2.2040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.0040, 20.5400, 2.2040**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **70.1210, -19.3940, -0.9460**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.2130, -22.6490, -2.5290**, and if you desaturate by 10%, it is **26.7790, -18.4310, -1.8790**.

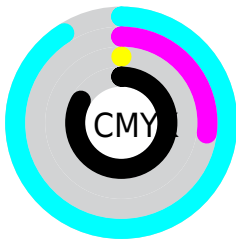
Distribution



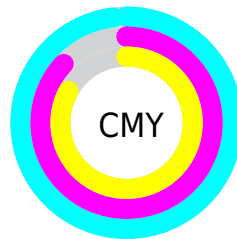
- Red (2%)
- Green (13%)
- Blue (17%)



- Red (2%)
- Yellow (8%)
- Blue (17%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (83%)



- Cyan (98%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.9960, -20.5400, -2.2040 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 24.9960, -20.5400, -2.2040 by changing the saturation by 10% instead.

■ 24.9960, -20.5400,
-2.2040

■ 24.9960, -20.5400,
-2.2040

■ 248.7210,
-12.5160, -4.4520

■ 6.8450, -9.6290,
3.8030

■ 70.1210, -19.3940,
-0.9460

■ 0.0000, 0.0000,
0.0000

■ 94.1210, -19.3940,
-0.9460

■ 118.9360,
-20.3110, -0.8470

■ 144.9360,
-20.3110, -0.8470

■ 171.0500,
-20.6320, -0.5360

■ 198.7510,

-21.2280, -0.7480

■ 226.8650,
-21.5490, -0.4370

■ 24.9960, -20.5400,
-2.2040

■ 24.9960, -20.5400,
-2.2040

■ 23.2130, -22.6490,
-2.5290

■ 26.7790, -18.4310,
-1.8790

■ 29.4480, -16.0010,
-1.8650

■ 31.2310, -13.8920,
-1.5400

■ 33.3130, -11.1870,
-1.0030

■ 35.6830, -9.3530,
-1.2010

■ 37.4660, -7.2440,
-0.8760

■ 39.5480, -4.5390,
-0.3390

■ 41.9180, -2.7050,
-0.5370

■ 44.0000, -0.0000,
-0.0000

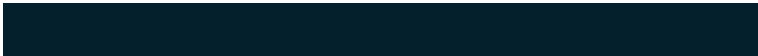
Harmonies

Analogous

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



23.7030, -21.2730, -5.4410



24.9960, -20.5400, -2.2040



28.5350, -11.6920, 2.6440

Triad

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



24.9960, -20.5400, -2.2040



30.1480, 11.5070, 6.2190



27.2680, 1.8810, -6.5590

Complementary

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



24.9960, -20.5400, -2.2040



23.0040, 20.5400, 2.2040

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.



28.2150, 9.4000, -5.1600



24.9960, -20.5400, -2.2040



29.8230, 13.8000, 3.2080

Square

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



24.9960, -20.5400, -2.2040



30.5650, 5.9590, 7.6470



29.0030, 13.1130, -0.8630



26.3640, -7.1970, -7.2370

Rectangle

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



24.9960, -20.5400, -2.2040



29.8240, -5.1360, 4.9760



29.0030, 13.1130, -0.8630



27.9370, 4.3110, -6.5450

Sweetspot

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



24.9960, -20.5400, -2.2040



49.1670, -7.8400, -1.0880



28.7340, -14.5310, -17.4990



23.5480, -4.5390, -0.3390



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.



24.9960, -20.5400, -2.2040



29.2770, -28.7010, -2.9810



13.8430, -15.3150, 7.7330



21.8150, -0.9170, 0.0990



45.7250, -44.7020, -4.8460



112.4460, -109.9440, -11.8960

Inverse Universe

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



19.1520, 14.8520, 17.1880



21.1900, 20.8570, 24.0010



34.1570, 15.3150, -7.7330



21.7120, 0.8710, 0.7350



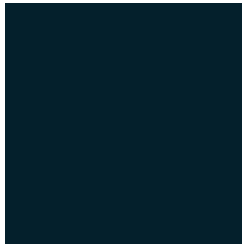
32.9670, 32.2710, 37.4150



81.0860, 79.3940, 92.0180

Previews

White Background



This preview shows how the YIQ color 24.9960, -20.5400, -2.2040 looks on a white background.

Color Contrast Check

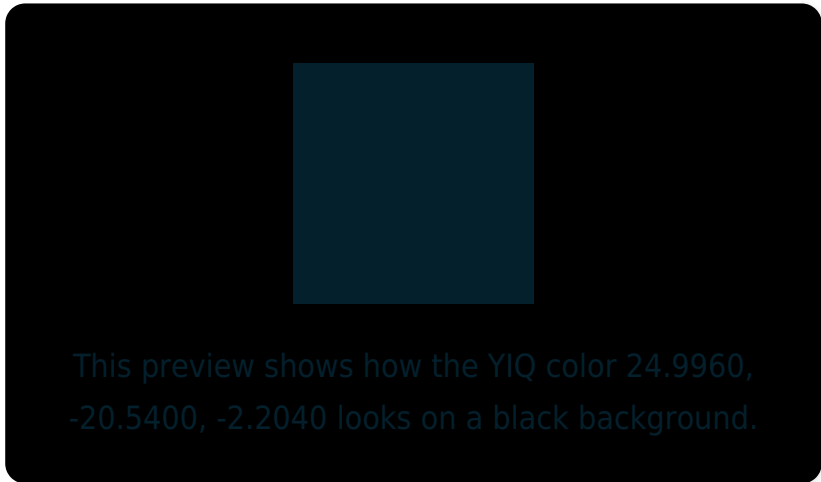
Large Text (above 18pt) WCAG AA ✓ Pass

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

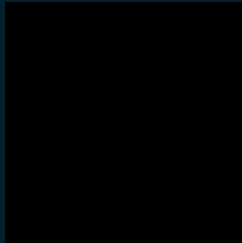
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

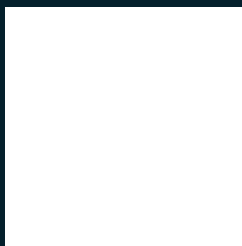
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 24.9960, -20.5400, -2.2040

Background



This preview shows how black text looks on a background with the YIQ color 24.9960, -20.5400, -2.2040.



This preview shows how white text looks on a background with the YIQ color 24.9960, -20.5400,

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

24.9960, -20.5400, -2.2040

Protanopia

29.5850, -5.9610, 3.4070

Deuteranopia

29.6170, -8.9870, 3.1810



Tritanopia

23.4750, -20.6310, -6.0630

Trichromacy



Original Color

24.9960, -20.5400, -2.2040

Protanomaly

27.8940, -11.3250, 1.4990

Deuteranomaly

28.1110, -13.4340, 1.1740

Tritanomaly

24.1160, -20.9980, -4.9180

Monochromacy



Original Color

24.9960, -20.5400, -2.2040

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.1670, -7.8400, -1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.9960, -20.5400, -2.2040 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(4, 32, 44)` looks like.

```
.text, #text, p{  
    color:rgb(4, 32, 44)  
}
```

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(4, 32, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 32, 44) }
```

Border

The CSS property to change the border of an element to YIQ 24.9960, -20.5400, -2.2040 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(4, 32, 44) }
```


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

```
.border{ border-color:rgb(4, 32, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 32, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 32, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 32, 44); box-shadow:4px  
4px 4px 4px rgb(4, 32, 44) }
```

Background

The CSS property to change the background color of an element to YIQ 24.9960, -20.5400, -2.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 32, 44) }
```

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

```
.background{ background-color: rgb(4, 32,  
44) }
```

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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