

Converting Colors

YIQ(26.9320, -5.3200, 8.3120)

Have a look what the booklet for
YIQ(26.9320, -5.3200, 8.3120)
contains.

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Color

**YIQ(26.9320, -5.3200,
8.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	1B172F
RGB	27, 23, 47
RGB Percent	11%, 9%, 18%
CMY	0.8941, 0.9098, 0.8157
CMYK	0.43, 0.51, 0.00, 0.82
HSL	250°, 34%, 14%
HSV	250°, 51%, 18%
XYZ	1.2714, 1.0510, 2.8241
YIQ	26.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

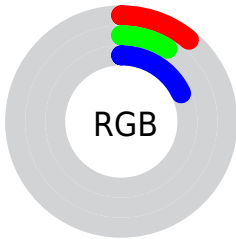
Format	Color
RYB	27, 23, 47
Decimal	1775407
CIELab	9.41, 9.17, -15.39
CIELCh	9, 17.917, 300.781
Yxy	1.0510, 0.2470, 0.2042
Android (android.graphics.Color)	4279965487 (0xFF1B172F)
YUV	26.9320, 9.8935, 0.0596
Hunter-Lab	10.2517, 4.1969, -9.1567

Details

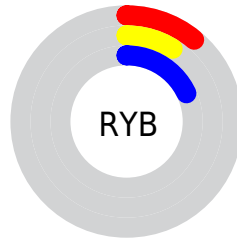
The YIQ color **26.9320, -5.3200, 8.3120** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **43.0680, 5.3200, -8.3120**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.8720, -5.0910, 9.6690**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.8010, -6.3290, 10.0790**, and if you desaturate by 10%, it is **31.0630, -4.3110, 6.5450**.

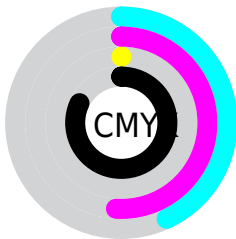
Distribution



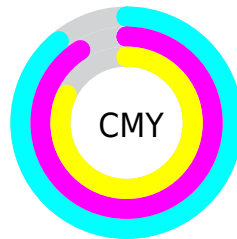
- Red (11%)
- Green (9%)
- Blue (18%)



- Red (11%)
- Yellow (9%)
- Blue (18%)



- Cyan (43%)
- Magenta (51%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.9320, -5.3200, 8.3120 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 26.9320, -5.3200, 8.3120 by changing the saturation by 10% instead.

■ 26.9320, -5.3200,
8.3120

■ 26.9320, -5.3200,
8.3120

■ 251.4780, 1.6500,
3.1380

■ 3.3770, -8.0710,
8.6090

■ 70.8720, -5.0910,
9.6690

■ 0.0000, 0.0000,
0.0000

■ 94.1000, -5.7330,
10.2910

■ 118.5130, -5.4580,
10.8140

■ 144.6270, -5.7790,
11.1250

■ 171.0400, -5.5040,
11.6480

■ 198.1540, -5.8250,

11.9590

■ 226.5670, -5.5500,
12.4820

■ 26.9320, -5.3200,
8.3120

■ 26.9320, -5.3200,
8.3120

■ 22.8010, -6.3290,
10.0790

■ 31.0630, -4.3110,
6.5450

■ 19.2570, -7.6130,
11.3230

■ 34.6070, -3.0270,
5.3010

■ 15.1260, -8.6220,
13.0900

■ 38.7380, -2.0180,
3.5340

■ 10.9950, -9.6310,
14.8570

■ 42.8690, -1.0090,
1.7670

■ 7.7500, -10.3190,
16.3130

■ 46.4130, 0.2750,
0.5230

■ 50.2450, 0.6880,
-1.4560

■ 54.3760, 1.6970,
-3.2230

■ 58.5070, 2.7060,
-4.9900

■ 62.0510, 3.9900,
-6.2340

Harmonies

Analogous

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



22.7340, -22.5580, 1.3300



26.9320, -5.3200, 8.3120



27.1570, 7.2880, 11.0960

Triad

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



26.9320, -5.3200, 8.3120



25.1840, 19.8530, -1.8670



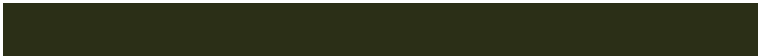
22.3350, -17.4210, -9.1730

Complementary

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



26.9320, -5.3200, 8.3120



43.0680, 5.3200, -8.3120

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.



20.4620, -10.5890, -11.8450



26.9320, -5.3200, 8.3120



25.4280, 13.1140, -6.3900

Square

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



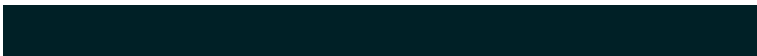
26.9320, -5.3200, 8.3120



25.8130, 19.7600, 5.3280



23.9000, 5.7330, -10.2910



23.1160, -20.9980, -4.9180

Rectangle

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



26.9320, -5.3200, 8.3120



26.6800, 13.0650, 11.0250



23.9000, 5.7330, -10.2910



21.2920, -15.8620, -9.8940

Sweetspot

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



26.9320, -5.3200, 8.3120



53.6240, -1.6970, 3.2230



37.4760, -13.2040, -2.9960



25.9830, -1.3300, 2.0780



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



26.9320, -5.3200, 8.3120



30.0120, -8.3010, 12.7790



30.5200, 1.8320, 10.8560



21.2280, -0.6420, 0.6220



14.1040, -19.5830, 30.0250



35.1600, -47.2380, 74.1860

Inverse Universe

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



32.4560, 7.8840, 11.3080



38.5970, 12.1010, 17.4850



39.4800, -1.8320, -10.8560



21.8260, 0.5500, 1.0460



34.2210, 28.7400, 40.8360



84.2780, 70.4060, 100.7260

Previews

White Background



This preview shows how the YIQ color 26.9320, -5.3200, 8.3120 looks on a white background.

Color Contrast Check

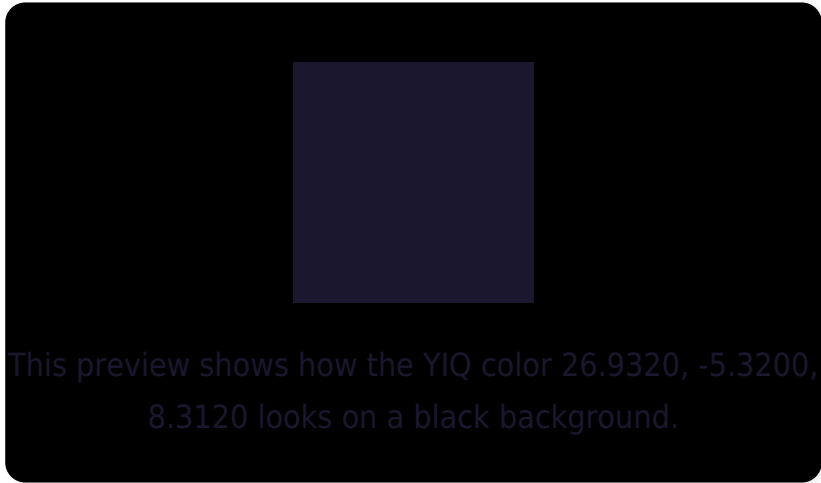
Large Text (above 18pt) WCAG AA ✓ Pass

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

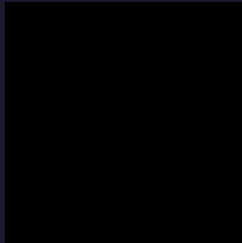
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.9320, -5.3200, 8.3120

Background



This preview shows how black text looks on a background with the YIQ color 26.9320, -5.3200, 8.3120.



This preview shows how white text looks on a background with the YIQ color 26.9320, -5.3200,

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

26.9320, -5.3200, 8.3120

Protanopia

25.1480, -14.8560, 4.9200

Deuteranopia

24.3820, -15.6350, 2.5170



Tritanopia

26.0320, -3.0260, -0.2260

Trichromacy



Original Color

26.9320, -5.3200, 8.3120

Protanomaly

25.9420, -11.2800, 6.1920

Deuteranomaly

25.5890, -11.7840, 4.3120

Tritanomaly

26.5420, -4.4020, 2.6860

Monochromacy



Original Color

26.9320, -5.3200, 8.3120

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.9320, -5.3200, 8.3120 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(27, 23, 47)` looks like.

```
.text, #text, p{  
    color:rgb(27, 23, 47)  
}
```

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(27, 23, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 23, 47) }
```

Border

The CSS property to change the border of an element to YIQ 26.9320, -5.3200, 8.3120 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(27, 23, 47) }
```


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

```
.border{ border-color:rgb(27, 23, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 23, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 23, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 23, 47);  
box-shadow:4px 4px 4px 4px rgb(27, 23, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.9320, -5.3200, 8.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 23, 47) }
```

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

```
.background{ background-color: rgb(27, 23,  
47) }
```

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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