

Converting Colors

YIQ(26.5150, -7.7990, 25.7130)

Have a look what the booklet for
YIQ(26.5150, -7.7990, 25.7130)
contains.

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Color

**YIQ(26.5150, -7.7990,
25.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	230C4F
RGB	35, 12, 79
RGB Percent	14%, 5%, 31%
CMY	0.8626, 0.9530, 0.6903
CMYK	0.56, 0.85, 0.00, 0.69
HSL	261°, 74%, 18%
HSV	261°, 85%, 31%
XYZ	2.2358, 1.1847, 7.5039
YIQ	26.5150, -7.7990, 25.7130

Conversions

Conversions Part 2

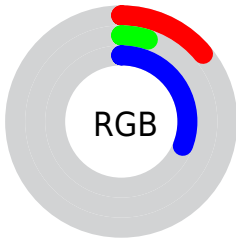
Format	Color
RYB	35, 12, 79
Decimal	2296911
CIELab	10.44, 29.28, -36.41
CIElCh	10, 46.721, 308.811
Yxy	1.1847, 0.2047, 0.1084
Android (android.graphics.Color)	4280486991 (0xFF230C4F)
YUV	26.5150, 25.8751, 7.4413
Hunter-Lab	10.8843, 17.6199, -33.2572

Details

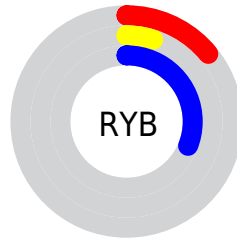
The YIQ color **26.5150, -7.7990, 25.7130** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **64.4850, 7.7990, -25.7130**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **73.5800, -6.4240, 28.3280**, and **4.9360, -11.1430, 9.2170** is the 20% darker color. If you saturate the color by 10%, you get **20.3240, -8.5790, 28.8370**, and if you desaturate by 10%, it is **32.7060, -7.0190, 22.5890**.

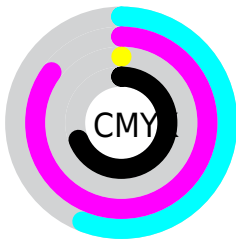
Distribution



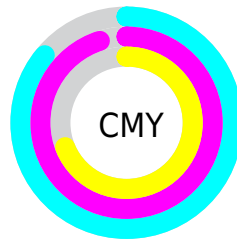
- Red (14%)
- Green (5%)
- Blue (31%)



- Red (14%)
- Yellow (5%)
- Blue (31%)



- Cyan (56%)
- Magenta (85%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.5150, -7.7990, 25.7130 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 26.5150, -7.7990, 25.7130 by changing the saturation by 10% instead.

■ 26.5150, -7.7990,
25.7130

■ 26.5150, -7.7990,
25.7130

■ 246.1950, 4.1250,
7.8450

■ 11.4670, -7.8440,
21.0200

■ 73.5800, -6.4240,
28.3280

■ 4.9360, -11.1430,
9.2170

■ 97.8190, -5.5990,
29.8970

■ 0.7980, -2.2470,
2.1770

■ 123.6450, -5.0490,
30.9430

■ 0.0000, 0.0000,
0.0000

■ 149.5850, -4.8200,
32.3000

■ 176.5250, -4.5910,
33.6570

■ 202.5700, -0.4640,

30.4480

■ 227.6770, 9.1200,
21.9520

■ 26.5150, -7.7990,
25.7130

■ 26.5150, -7.7990,
25.7130

■ 20.3240, -8.5790,
28.8370

■ 32.7060, -7.0190,
22.5890

■ 17.0790, -9.2670,
30.2930

■ 38.8970, -6.2390,
19.4650

■ 45.3870, -4.8630,
16.5530

■ 51.5780, -4.0830,
13.4290

■ 57.1820, -3.0280,
10.8280

■ 63.3730, -2.2480,
7.7040

■ 69.5640, -1.4680,
4.5800

■ 75.7550, -0.6880,
1.4560

■ 82.2450, 0.6880,
-1.4560

Harmonies

Analogous

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



28.7990, -38.3780, 12.7100



26.5150, -7.7990, 25.7130



26.8580, 25.0280, 31.0120

Triad

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



26.5150, -7.7990, 25.7130



26.1250, 27.5090, 2.5570



28.8720, -23.4270, -10.4590

Complementary

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



26.5150, -7.7990, 25.7130



64.4850, 7.7990, -25.7130

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.



24.0670, -11.2750, -21.4430



26.5150, -7.7990, 25.7130



25.9820, 8.4380, -9.7540

Square

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



26.5150, -7.7990, 25.7130



21.5280, 42.9120, 15.2640



21.7190, -10.1750, -19.3510



31.8190, -33.1030, -0.2950

Rectangle

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



26.5150, -7.7990, 25.7130



27.1550, 37.1330, 26.3890



21.7190, -10.1750, -19.3510



27.6180, -19.8960, -13.8800

Sweetspot

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



26.5150, -7.7990, 25.7130



82.2420, -3.2570, 9.4710



46.0530, -33.8820, -2.6980



39.2050, -1.8350, 5.7250



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



26.5150, -7.7990, 25.7130



22.0930, -11.8820, 39.1420



36.3820, 11.8690, 32.7090



35.0540, -0.0920, 1.6680



49.8410, -26.7460, 88.2780

Inverse Universe

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



37.0490, 25.8080, 27.8880



38.1360, 39.2850, 42.4610



54.6180, -11.8690, -32.7090



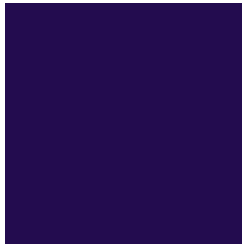
35.5380, 1.4210, 1.7810



85.9840, 88.6090, 95.7210

Previews

White Background



This preview shows how the YIQ color 26.5150, -7.7990, 25.7130 looks on a white background.

Color Contrast Check

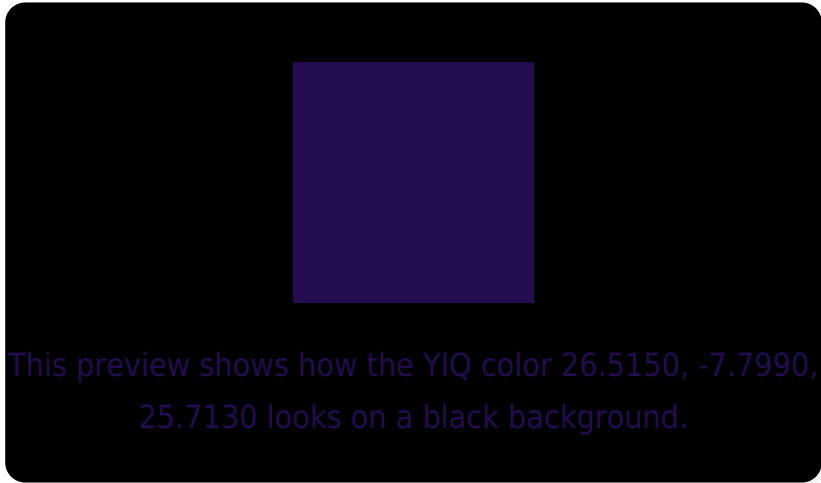
Large Text (above 18pt) WCAG AA ✓ Pass

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

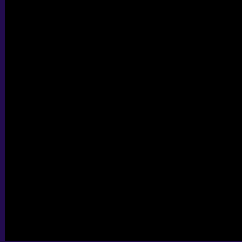
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.5150, -7.7990, 25.7130

Background



This preview shows how black text looks on a background with the YIQ color 26.5150, -7.7990, 25.7130.



This preview shows how white text looks on a background with the YIQ color 26.5150, -7.7990,

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

26.5150, -7.7990, 25.7130

Protanopia

23.9770, -27.5560, 3.8040

Deuteranopia

24.1250, -25.2170, -0.0410



Tritanopia

28.4550, -8.7110, -1.8230

Trichromacy



Original Color

26.5150, -7.7990, 25.7130

Protanomaly

25.1400, -20.4050, 11.8750

Deuteranomaly

25.0430, -18.7540, 9.4860

Tritanomaly

27.9640, -8.3460, 8.0860

Monochromacy



Original Color

26.5150, -7.7990, 25.7130

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1280, -2.9360, 9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.5150, -7.7990, 25.7130 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(35, 12, 79)` looks like.

```
.text, #text, p{  
    color:rgb(35, 12, 79)  
}
```

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(35, 12, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 12, 79) }
```

Border

The CSS property to change the border of an element to YIQ 26.5150, -7.7990, 25.7130 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(35, 12, 79) }
```

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

```
.border{ border-color:rgb(35, 12, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 12, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 12, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 12, 79);  
box-shadow:4px 4px 4px 4px rgb(35, 12, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.5150, -7.7990, 25.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 12, 79) }
```

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

```
.background{ background-color: rgb(35, 12,  
79) }
```

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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