

Converting Colors

YIQ(45.3020, -11.5130, 26.9430)

Have a look what the booklet for
YIQ(45.3020, -11.5130, 26.9430)
contains.

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Color

**YIQ(45.3020, -11.5130,
26.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	331F68
RGB	51, 31, 104
RGB Percent	20%, 12%, 41%
CMY	0.7999, 0.8785, 0.5923
CMYK	0.51, 0.70, 0.00, 0.59
HSL	256°, 54%, 26%
HSV	256°, 70%, 41%
XYZ	4.3536, 2.6829, 13.3782
YIQ	45.3020, -11.5130, 26.9430

Conversions

Conversions Part 2

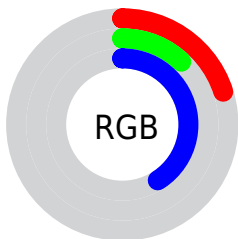
Format	Color
R_{YB}	51, 31, 104
Decimal	3350376
CIE _{Lab}	18.73, 29.22, -39.55
CIE _{LCh}	19, 49.174, 306.450
Yxy	2.6829, 0.2133, 0.1314
Android (android.graphics.Color)	4281540456 (0xFF331F68)
YUV	45.3020, 28.9381, 4.9971
Hunter-Lab	16.3796, 18.7796, -36.9598

Details

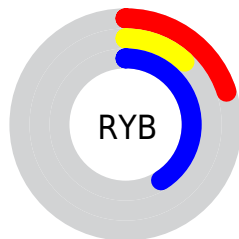
The YIQ color **45.3020, -11.5130, 26.9430** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **89.6980, 11.5130, -26.9430**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.7800, -9.8630, 30.0810**, and **6.6830, -17.3800, 17.6280** is the 20% darker color. If you saturate the color by 10%, you get **37.0400, -13.5310, 30.4770**, and if you desaturate by 10%, it is **53.5640, -9.4950, 23.4090**.

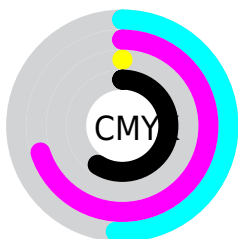
Distribution



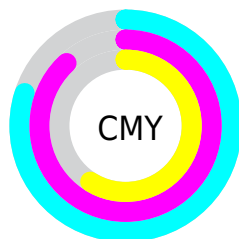
- Red (20%)
- Green (12%)
- Blue (41%)



- Red (20%)
- Yellow (12%)
- Blue (41%)



- Cyan (51%)
- Magenta (70%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (88%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.3020, -11.5130, 26.9430 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 45.3020, -11.5130, 26.9430 by changing the saturation by 10% instead.

■ 45.3020, -11.5130,
26.9430

■ 45.3020, -11.5130,
26.9430

■ 255.0000, -0.0000,
-0.0000

■ 21.4650, -13.5300,
24.9500

■ 93.7800, -9.8630,
30.0810

■ 6.6830, -17.3800,
17.6280

■ 118.7200, -9.6340,
31.4380

■ 5.0500, -11.4640,
9.5280

■ 144.6600, -9.4050,
32.7950

■ 0.7980, -2.2470,
2.1770

■ 171.4860, -8.8550,
33.8410

■ 0.0000, 0.0000,
0.0000

■ 197.5310, -4.7280,
30.6320

■ 222.6380, 4.8560,

22.1360

243.2600, 5.5000,
10.4600

45.3020, -11.5130,
26.9430

45.3020, -11.5130,
26.9430

37.0400, -13.5310,
30.4770

53.5640, -9.4950,
23.4090

28.4900, -14.6780,
34.7460

62.1140, -8.3480,
19.1400

20.5270, -16.1000,
38.4920

70.3760, -6.3300,
15.6060

78.9260, -5.1830,
11.3370

87.1880, -3.1650,
7.8030

■ 95.1510, -1.7430,
4.0570

■ 104.0000, -0.0000,
-0.0000

■ 111.9630, 1.4220,
-3.7460

■ 120.8120, 3.1650,
-7.8030

Harmonies

Analogous

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



41.6280, -51.0780, 11.5940



45.3020, -11.5130, 26.9430



36.0580, 30.7570, 42.8290

Triad

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



45.3020, -11.5130, 26.9430



42.4050, 38.2840, 0.0120



40.6750, -33.2380, -14.3740

Complementary

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



45.3020, -11.5130, 26.9430



89.6980, 11.5130, -26.9430

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.



35.6420, -20.4440, -25.9800



45.3020, -11.5130, 26.9430



42.8380, 17.4710, -13.7690

Square

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



45.3020, -11.5130, 26.9430



30.7750, 58.4540, 19.9420



33.4920, -11.2740, -26.9700



45.2520, -44.7480, -4.0120

Rectangle

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



45.3020, -11.5130, 26.9430



36.6110, 45.0170, 37.6970



33.4920, -11.2740, -26.9700



39.1930, -29.0650, -18.4170

Sweetspot

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



45.3020, -11.5130, 26.9430



112.5840, -4.2200, 10.4040



71.0200, -38.2830, -5.5390



55.1340, -3.0730, 6.1350



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



45.3020, -11.5130, 26.9430



44.1510, -17.7970, 41.7150



56.0660, 9.9430, 34.5750



46.8690, -1.0090, 1.7670



22.3790, -18.4390, 42.3370



47.3220, -38.3460, 89.2540

Inverse Universe

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



58.8690, 26.4950, 31.9590



65.1350, 41.0260, 49.4580



78.9340, -9.9430, -34.5750



47.9510, 1.6960, 2.3040



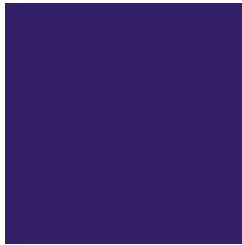
43.8470, 41.8970, 50.1930



92.4220, 87.7360, 106.0400

Previews

White Background



This preview shows how the YIQ color 45.3020, -11.5130, 26.9430 looks on a white background.

Color Contrast Check

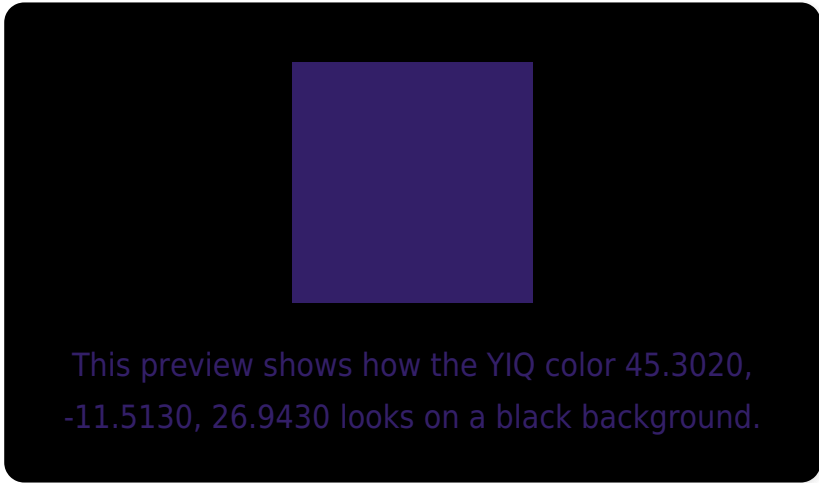
Large Text (above 18pt) WCAG AA ✓ Pass

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

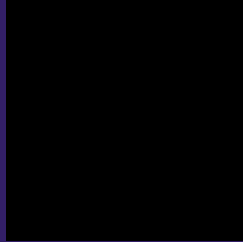
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.3020, -11.5130, 26.9430

Background



This preview shows how black text looks on a background with the YIQ color 45.3020, -11.5130, 26.9430.



This preview shows how white text looks on a background with the YIQ color 45.3020, -11.5130,

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

45.3020, -11.5130, 26.9430

Protanopia

37.1310, -42.5490, 5.6990

Deuteranopia

36.8230, -38.9260, 0.6100



Tritanopia

44.5690, -9.0320, -1.5120

Trichromacy



Original Color

45.3020, -11.5130, 26.9430

Protanomaly

40.3330, -31.1340, 13.5860

Deuteranomaly

39.8940, -28.5200, 10.2640

Tritanomaly

45.0070, -9.9050, 8.8070

Monochromacy



Original Color

45.3020, -11.5130, 26.9430

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.0570, -4.1740, 9.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.3020, -11.5130, 26.9430 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(51, 31, 104)` looks like.

```
.text, #text, p{  
    color:rgb(51, 31, 104)  
}
```

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(51, 31, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 31, 104) }
```

Border

The CSS property to change the border of an element to YIQ 45.3020, -11.5130, 26.9430 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(51, 31, 104) }
```


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

```
.border{ border-color:rgb(51, 31, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 31, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 31, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 31, 104);  
box-shadow:4px 4px 4px 4px rgb(51, 31,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 45.3020, -11.5130, 26.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 31, 104) }
```

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

```
.background{ background-color: rgb(51, 31,  
104) }
```

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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