

Converting Colors

YIQ(34.6200, -47.4590, 28.6130)

Have a look what the booklet for
YIQ(34.6200, -47.4590, 28.6130)
contains.

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Color

**YIQ(34.6200, -47.4590,
28.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	071D88
RGB	7, 29, 136
RGB Percent	3%, 11%, 53%
CMY	0.9725, 0.8862, 0.4669
CMYK	0.95, 0.79, 0.00, 0.47
HSL	230°, 90%, 28%
HSV	230°, 95%, 53%
XYZ	4.9663, 2.7000, 23.5262
YIQ	34.6200, -47.4590, 28.6130

Conversions

Conversions Part 2

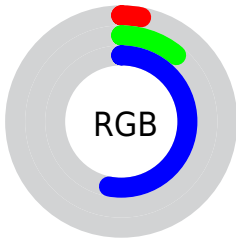
Format	Color
R_{YB}	7, 26, 136
Decimal	466312
CIE _{Lab}	18.80, 36.93, -60.01
CIE _{LCh}	19, 70.463, 301.604
Yxy	2.7000, 0.1592, 0.0866
Android (android.graphics.Color)	4278656392 (0xFF071D88)
YUV	34.6200, 49.9803, -24.2227
Hunter-Lab	16.4317, 25.1941, -73.3868

Details

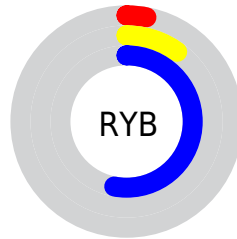
The YIQ color **34.6200, -47.4590, 28.6130** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **108.3800, 47.4590, -28.6130**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6270, -31.0010, 38.7190**, and **9.6900, -27.2850, 26.4350** is the 20% darker color. If you saturate the color by 10%, you get **29.0050, -49.9810, 30.2670**, and if you desaturate by 10%, it is **45.2630, -42.1400, 25.8280**.

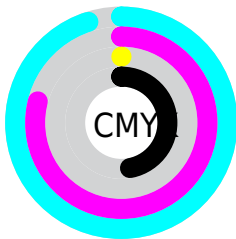
Distribution



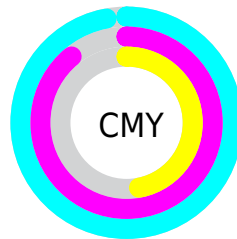
- Red (3%)
- Green (11%)
- Blue (53%)



- Red (3%)
- Yellow (10%)
- Blue (53%)



- Cyan (95%)
- Magenta (79%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.6200, -47.4590, 28.6130 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 34.6200, -47.4590, 28.6130 by changing the saturation by 10% instead.

■ 34.6200, -47.4590,
28.6130

■ 34.6200, -47.4590,
28.6130

■ 255.0000, -0.0000,
-0.0000

■ 17.2360, -37.5100,
30.0260

■ 90.5130, -30.6800,
38.4080

■ 9.6900, -27.2850,
26.4350

■ 116.5780,
-29.3050, 41.0230

■ 10.3620, -20.9100,
15.5220

■ 143.2300,
-28.2050, 43.1150

■ 5.5060, -12.7480,
10.7720

■ 167.9610,
-20.3180, 37.8420

■ 2.2970, -5.0900,
4.1420

■ 192.4810,
-10.4590, 29.8690

■ 0.0000, 0.0000,
0.0000

■ 217.5880, -0.8750,

21.3730

■ 241.4990, 6.3250,
12.0290

■ 34.6200, -47.4590,
28.6130

■ 34.6200, -47.4590,
28.6130

■ 29.0050, -49.9810,
30.2670

■ 45.2630, -42.1400,
25.8280

■ 56.1940, -37.6920,
22.3080

■ 66.8370, -32.3730,
19.5230

■ 77.1810, -27.6500,
16.5260

■ 87.8240, -22.3310,
13.7410

■ 99.0540, -17.2870,
10.4330

■ 109.3980,
-12.5640, 7.4360

■ 120.0410, -7.2450,
4.6510

■ 130.3850, -2.5220,
1.6540

Harmonies

Analogous

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



49.0260, -63.6420, 19.0300



34.6200, -47.4590, 28.6130



42.0400, 31.1680, 51.9040

Triad

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



34.6200, -47.4590, 28.6130



37.4980, 51.6240, 11.5600



42.3390, -32.4120, -18.3320

Complementary

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



34.6200, -47.4590, 28.6130



108.3800, 47.4590, -28.6130

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.



35.8070, -16.7750, -31.9030



34.6200, -47.4590, 28.6130



42.8600, 20.4050, -11.8750

Square

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



34.6200, -47.4590, 28.6130



35.8800, 71.5200, 25.4400



32.8720, -15.4000, -29.2880



48.8540, -49.3790, -2.6830

Rectangle

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



34.6200, -47.4590, 28.6130



43.6600, 52.4890, 45.4570



32.8720, -15.4000, -29.2880



39.7000, -26.3590, -23.4070

Sweetspot

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



34.6200, -47.4590, 28.6130



137.2820, -17.9290, 11.0550



94.6930, -69.1800, -34.8120



65.3550, -11.0050, 6.7150



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



34.6200, -47.4590, 28.6130



37.6740, -64.7460, 39.0460



33.9650, -16.9730, 48.8110



63.3850, -2.5220, 1.6540



28.6630, -49.0180, 29.3340



1.1570, -1.8800, 1.0320

Inverse Universe

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



48.0790, 69.8220, 34.1900



56.0440, 95.2660, 46.6420



109.0350, 16.9730, -48.8110



64.2070, 3.8510, 1.7950



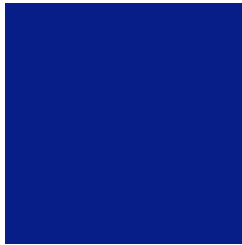
42.3890, 71.8850, 35.3490



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 34.6200, -47.4590, 28.6130 looks on a white background.

Color Contrast Check

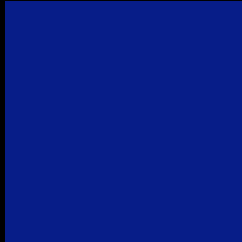
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 34.6200, -47.4590, 28.6130 looks on a 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 34.6200, -47.4590, 28.6130

Background



This preview shows how black text looks on a background with the YIQ color 34.6200, -47.4590, 28.6130.



This preview shows how white text looks on a background with the YIQ color 34.6200, -47.4590,

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

34.6200, -47.4590, 28.6130

Protanopia

37.2450, -42.8700, 6.0100

Deuteranopia

37.4100, -39.2010, 0.0870



Tritanopia

36.7940, -31.9550, -10.0910

Trichromacy



Original Color

34.6200, -47.4590, 28.6130

Protanomaly

36.3300, -44.2470, 14.4490

Deuteranomaly

36.4780, -41.9080, 10.6040

Tritanomaly

36.3010, -37.2760, 3.7480

Monochromacy



Original Color

34.6200, -47.4590, 28.6130

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0540, -17.2870, 10.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.6200, -47.4590, 28.6130 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(7, 29, 136)` looks like.

```
.text, #text, p{  
    color:rgb(7, 29, 136)  
}
```

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(7, 29, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 29, 136) }
```

Border

The CSS property to change the border of an element to YIQ 34.6200, -47.4590, 28.6130 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(7, 29, 136) }
```


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

```
.border{ border-color:rgb(7, 29, 136) }
```

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

Here you see how a box with a 4 pixel rgb(7, 29, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 29, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 29, 136);  
box-shadow:4px 4px 4px 4px rgb(7, 29, 136)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.6200, -47.4590, 28.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 29, 136) }
```

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

```
.background{ background-color: rgb(7, 29,  
136) }
```

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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