

Converting Colors

YIQ(47.0740, -20.0390, 16.2570)

Have a look what the booklet for
YIQ(47.0740, -20.0390, 16.2570)
contains.

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Color

**YIQ(47.0740, -20.0390,
16.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	262A61
RGB	38, 42, 97
RGB Percent	15%, 16%, 38%
CMY	0.8509, 0.8353, 0.6197
CMYK	0.61, 0.57, 0.00, 0.62
HSL	236°, 44%, 26%
HSV	236°, 61%, 38%
XYZ	3.7838, 2.9307, 11.6679
YIQ	47.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

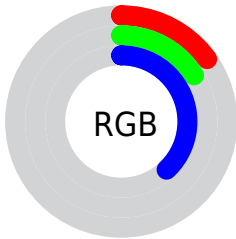
Format	Color
R_{YB}	38, 42, 97
Decimal	2501217
CIE _{Lab}	19.76, 16.57, -33.33
CIE _{LCh}	20, 37.225, 296.431
Yxy	2.9307, 0.2058, 0.1594
Android (android.graphics.Color)	4280691297 (0xFF262A61)
YUV	47.0740, 24.6135, -7.9579
Hunter-Lab	17.1194, 9.4940, -28.4262

Details

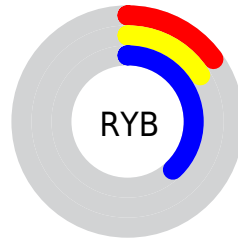
The YIQ color **47.0740, -20.0390, 16.2570** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.9260, 20.0390, -16.2570**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5520, -18.3890, 19.3950**, and **5.7000, -16.0500, 15.5500** is the 20% darker color. If you saturate the color by 10%, you get **38.8010, -23.5240, 18.8440**, and if you desaturate by 10%, it is **55.3470, -16.5540, 13.6700**.

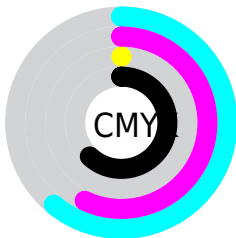
Distribution



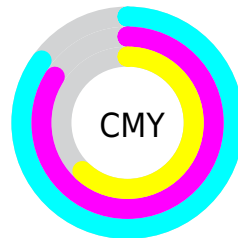
- Red (15%)
- Green (16%)
- Blue (38%)



- Red (15%)
- Yellow (16%)
- Blue (38%)



- Cyan (61%)
- Magenta (57%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0740, -20.0390, 16.2570 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 47.0740, -20.0390, 16.2570 by changing the saturation by 10% instead.

■ 47.0740, -20.0390,
16.2570

■ 47.0740, -20.0390,
16.2570

■ 255.0000, -0.0000,
-0.0000

■ 23.6280, -24.7150,
12.8930

■ 94.5520, -18.3890,
19.3950

■ 5.7000, -16.0500,
15.5500

■ 120.0790,
-18.4350, 20.2290

■ 4.3660, -9.5380,
7.6620

■ 145.7200,
-18.8020, 21.3740

■ 0.0000, 0.0000,
0.0000

■ 172.5460,
-18.2520, 22.4200

■ 199.2040,
-17.2890, 21.4870

■ 224.3110, -7.7050,

12.9910

250.0050, 1.6040,
3.9720

47.0740, -20.0390,
16.2570

47.0740, -20.0390,
16.2570

38.8010, -23.5240,
18.8440

55.3470, -16.5540,
13.6700

30.8270, -26.4130,
21.6430

63.3210, -13.6650,
10.8710

22.5540, -29.8980,
24.2300

71.5940, -10.1800,
8.2840

15.1670, -33.0620,
26.5060

79.8670, -6.6950,
5.6970

87.8410, -3.8060,
2.8980

■ 96.1140, -0.3210,
0.3110

■ 104.3870, 3.1640,
-2.2760

■ 112.6600, 6.6490,
-4.8630

■ 120.6340, 9.5380,
-7.6620

Harmonies

Analogous

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



42.2660, -47.3630, 4.8370



47.0740, -20.0390, 16.2570



48.3510, 13.1540, 25.9380

Triad

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



47.0740, -20.0390, 16.2570



44.4760, 39.5220, -0.3980



39.6490, -30.3490, -17.1730

Complementary

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



47.0740, -20.0390, 16.2570



87.9260, 20.0390, -16.2570

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.



35.1690, -20.4900, -25.1460



47.0740, -20.0390, 16.2570



45.2520, 25.1730, -10.1790

Square

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



47.0740, -20.0390, 16.2570



42.6960, 42.4990, 17.2430



42.1740, 7.4770, -19.8750



43.3140, -39.2910, -9.2990

Rectangle

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



47.0740, -20.0390, 16.2570



44.4300, 29.1090, 28.6370



42.1740, 7.4770, -19.8750



38.5090, -27.1390, -20.2830

Sweetspot

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



47.0740, -20.0390, 16.2570



105.7960, -7.9330, 6.1070



78.7890, -33.5590, -14.0630



52.1830, -4.7690, 3.8310



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



47.0740, -20.0390, 16.2570



47.8960, -30.8610, 25.1630



52.2010, -4.0390, 23.6490



44.4560, -1.2840, 1.2440



17.4640, -38.1520, 30.6480



36.7520, -81.4400, 66.2720

Inverse Universe

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



56.0970, 33.8800, 13.7520



61.8930, 52.3100, 21.1580



82.7990, 4.0390, -23.6490



45.1960, 2.3840, 0.8480



34.4000, 64.1840, 26.2320



73.5840, 137.9040, 55.8560

Previews

White Background



This preview shows how the YIQ color 47.0740, -20.0390, 16.2570 looks on a white background.

Color Contrast Check

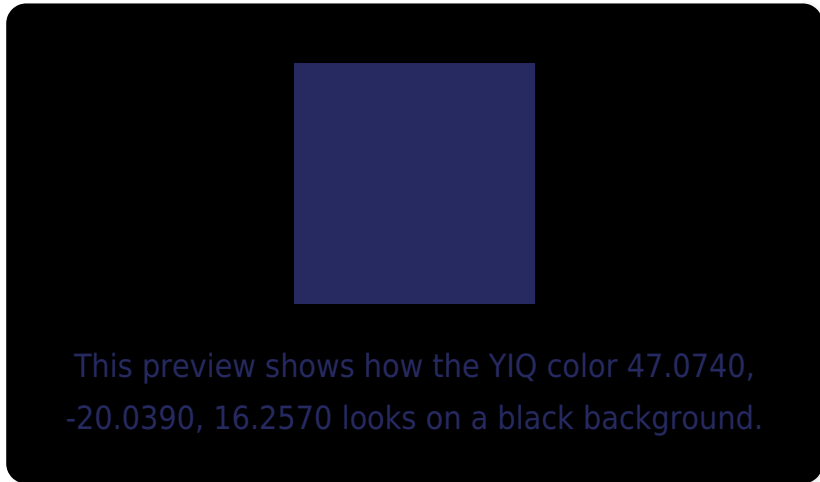
Large Text (above 18pt) WCAG AA ✓ Pass

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

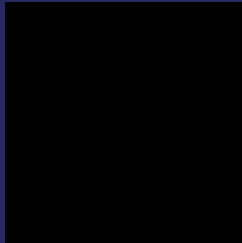
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0740, -20.0390, 16.2570

Background



This preview shows how black text looks on a background with the YIQ color 47.0740, -20.0390, 16.2570.



This preview shows how white text looks on a background with the YIQ color 47.0740, -20.0390,

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

47.0740, -20.0390, 16.2570

Protanopia

38.1740, -44.1080, 6.4200

Deuteranopia

38.4530, -40.7600, 0.8080



Tritanopia

43.2900, -21.5480, -5.9640

Trichromacy



Original Color

47.0740, -20.0390, 16.2570

Protanomaly

41.7730, -35.4890, 9.9110

Deuteranomaly

41.3340, -32.8750, 6.5890

Tritanomaly

44.7450, -21.0910, 2.2770

Monochromacy



Original Color

47.0740, -20.0390, 16.2570

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9810, -7.0160, 6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0740, -20.0390, 16.2570 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(38, 42, 97)` looks like.

```
.text, #text, p{  
    color:rgb(38, 42, 97)  
}
```

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(38, 42, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 42, 97) }
```

Border

The CSS property to change the border of an element to YIQ 47.0740, -20.0390, 16.2570 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(38, 42, 97) }
```


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

```
.border{ border-color:rgb(38, 42, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 42, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 42, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 42, 97);  
box-shadow:4px 4px 4px 4px rgb(38, 42, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.0740, -20.0390, 16.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 42, 97) }
```

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

```
.background{ background-color: rgb(38, 42,  
97) }
```

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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