

Converting Colors

YIQ(40.2740, -40.6730, 26.7750)

Have a look what the booklet for
YIQ(40.2740, -40.6730, 26.7750)
contains.

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Color

**YIQ(40.2740, -40.6730,
26.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	122283
RGB	18, 34, 131
RGB Percent	7%, 13%, 51%
CMY	0.9293, 0.8666, 0.4865
CMYK	0.86, 0.74, 0.00, 0.49
HSL	231°, 76%, 29%
HSV	232°, 86%, 51%
XYZ	4.9144, 2.9102, 21.7540
YIQ	40.2740, -40.6730, 26.7750

Conversions

Conversions Part 2

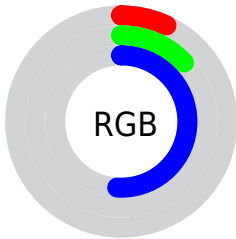
Format	Color
R_{YB}	18, 32, 131
Decimal	1188483
CIE _{Lab}	19.68, 32.48, -55.40
CIE _{LCh}	20, 64.220, 300.379
Yxy	2.9102, 0.1661, 0.0984
Android (android.graphics.Color)	4279378563 (0xFF122283)
YUV	40.2740, 44.7279, -19.5343
Hunter-Lab	17.0592, 21.5688, -63.6655

Details

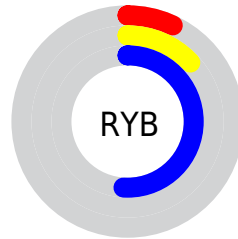
The YIQ color **40.2740, -40.6730, 26.7750** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **108.7260, 40.6730, -26.7750**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **93.1770, -29.8540, 34.4500**, and **9.1200, -25.6800, 24.8800** is the 20% darker color. If you saturate the color by 10%, you get **29.9300, -45.3960, 29.7720**, and if you desaturate by 10%, it is **50.6180, -35.9500, 23.7780**.

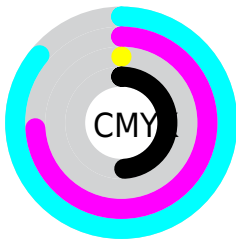
Distribution



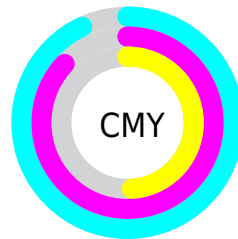
- Red (7%)
- Green (13%)
- Blue (51%)



- Red (7%)
- Yellow (13%)
- Blue (51%)



- Cyan (86%)
- Magenta (74%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.2740, -40.6730, 26.7750 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 40.2740, -40.6730, 26.7750 by changing the saturation by 10% instead.

■ 40.2740, -40.6730,
26.7750

■ 40.2740, -40.6730,
26.7750

■ 255.0000, -0.0000,
-0.0000

■ 20.1880, -37.5550,
25.3330

■ 93.1770, -29.8540,
34.4500

■ 9.1200, -25.6800,
24.8800

■ 119.1280,
-28.1580, 36.7540

■ 9.3190, -19.3510,
14.8010

■ 145.4810,
-27.6540, 38.6340

■ 5.0500, -11.4640,
9.5280

■ 170.8960,
-21.6930, 35.2270

■ 0.9120, -2.5680,
2.4880

■ 195.4160,
-11.8340, 27.2540

■ 0.0000, 0.0000,
0.0000

■ 220.5230, -2.2500,

18.7580

244.4340, 4.9500,
9.4140

40.2740, -40.6730,
26.7750

40.2740, -40.6730,
26.7750

29.9300, -45.3960,
29.7720

50.6180, -35.9500,
23.7780

26.0870, -47.2760,
30.8040

60.9620, -31.2270,
20.7810

71.8930, -26.7790,
17.2610

82.2370, -22.0560,
14.2640

92.5810, -17.3330,
11.2670

■ 103.2240,
-12.0140, 8.4820

■ 114.1550, -7.5660,
4.9620

■ 124.4990, -2.8430,
1.9650

■ 134.8430, 1.8800,
-1.0320

Harmonies

Analogous

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



48.8150, -61.6700, 16.3300



40.2740, -40.6730, 26.7750



40.7300, 29.1050, 50.7450

Triad

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



40.2740, -40.6730, 26.7750



40.4330, 50.2490, 8.9450



42.9260, -32.6870, -18.8550

Complementary

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



40.2740, -40.6730, 26.7750



108.7260, 40.6730, -26.7750

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.



36.3940, -17.0500, -32.4260



40.2740, -40.6730, 26.7750



45.2300, 22.2390, -12.0730

Square

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



40.2740, -40.6730, 26.7750



35.2820, 70.3280, 25.0160



33.4590, -15.6750, -29.8110



48.9850, -48.3700, -4.4500

Rectangle

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



40.2740, -40.6730, 26.7750



42.6920, 49.4630, 45.2310



33.4590, -15.6750, -29.8110



40.4010, -26.9550, -23.6190

Sweetspot

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



40.2740, -40.6730, 26.7750



135.2390, -16.3700, 10.3340



95.2750, -61.8910, -29.2430



65.4260, -9.7670, 6.3050



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



40.2740, -40.6730, 26.7750



33.5820, -61.4910, 40.6290



42.8420, -12.4330, 43.6230



61.2710, -2.2010, 1.3430



25.3860, -46.6800, 31.0160



0.3420, -0.9630, 0.9330

Inverse Universe

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



53.6110, 62.2120, 28.9320



53.8650, 94.2120, 43.7160



106.1580, 12.4330, -43.6230



61.9080, 3.2550, 1.5830



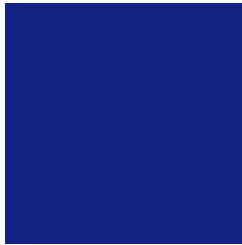
40.9220, 71.7020, 33.1580



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 40.2740, -40.6730, 26.7750 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 40.2740, -40.6730, 26.7750 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 40.2740, -40.6730, 26.7750

Background



This preview shows how black text looks on a background with the YIQ color 40.2740, -40.6730, 26.7750.



This preview shows how white text looks on a background with the YIQ color 40.2740, -40.6730,

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

40.2740, -40.6730, 26.7750

Protanopia

38.7610, -44.3830, 5.8970

Deuteranopia

38.8120, -40.3930, -0.3370



Tritanopia

38.0820, -32.8260, -10.8260

Trichromacy



Original Color

40.2740, -40.6730, 26.7750

Protanomaly

39.2870, -42.6880, 13.7280

Deuteranomaly

39.3210, -40.0280, 9.5720

Tritanomaly

39.1440, -35.3960, 2.7160

Monochromacy



Original Color

40.2740, -40.6730, 26.7750

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1960, -14.8110, 9.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.2740, -40.6730, 26.7750 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(18, 34, 131)` looks like.

```
.text, #text, p{  
    color:rgb(18, 34, 131)  
}
```

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(18, 34, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 34, 131) }
```

Border

The CSS property to change the border of an element to YIQ 40.2740, -40.6730, 26.7750 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(18, 34, 131) }
```


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

```
.border{ border-color:rgb(18, 34, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 34, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 34, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 34, 131);  
box-shadow:4px 4px 4px 4px rgb(18, 34,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 40.2740, -40.6730, 26.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 34, 131) }
```

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

```
.background{ background-color: rgb(18, 34,  
131) }
```

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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