

Converting Colors

YIQ(37.4480, -24.0280, 16.9640)

Have a look what the booklet for
YIQ(37.4480, -24.0280, 16.9640)
contains.

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Color

**YIQ(37.4480, -24.0280,
16.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	19215D
RGB	25, 33, 93
RGB Percent	10%, 13%, 36%
CMY	0.9019, 0.8706, 0.6354
CMYK	0.73, 0.64, 0.00, 0.64
HSL	233°, 58%, 23%
HSV	233°, 73%, 36%
XYZ	2.9192, 2.0843, 10.5960
YIQ	37.4480, -24.0280, 16.9640

Conversions

Conversions Part 2

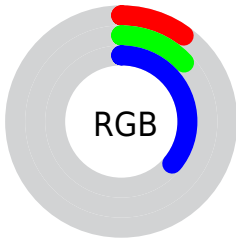
Format	Color
RYB	25, 32, 93
Decimal	1646941
CIELab	15.92, 18.98, -36.95
CIELCh	16, 41.542, 297.187
Yxy	2.0843, 0.1871, 0.1336
Android (android.graphics.Color)	4279837021 (0xFF19215D)
YUV	37.4480, 27.3871, -10.9169
Hunter-Lab	14.4372, 10.8272, -33.4092

Details

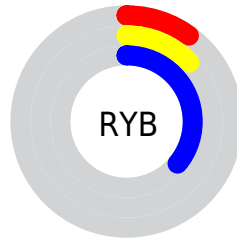
The YIQ color **37.4480, -24.0280, 16.9640** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.5520, 24.0280, -16.9640**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2360, -20.3150, 21.2610**, and **6.4180, -15.3160, 13.2600** is the 20% darker color. If you saturate the color by 10%, you get **30.0610, -27.1920, 19.2400**, and if you desaturate by 10%, it is **44.8350, -20.8640, 14.6880**.

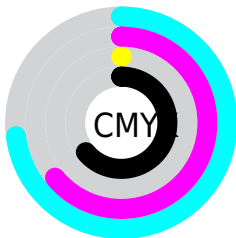
Distribution



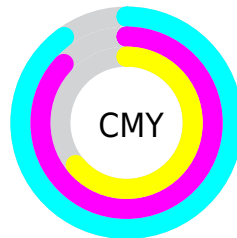
- Red (10%)
- Green (13%)
- Blue (36%)



- Red (10%)
- Yellow (13%)
- Blue (36%)



- Cyan (73%)
- Magenta (64%)
- Yellow (0%)
- Black (64%)



- Cyan (90%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.4480, -24.0280, 16.9640 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 37.4480, -24.0280, 16.9640 by changing the saturation by 10% instead.

■ 37.4480, -24.0280,
16.9640

■ 37.4480, -24.0280,
16.9640

■ 255.0000, -0.0000,
-0.0000

■ 15.4970, -25.7240,
14.6600

■ 85.2360, -20.3150,
21.2610

■ 6.4180, -15.3160,
13.2600

■ 110.1760,
-20.0860, 22.6180

■ 3.3230, -7.9790,
6.9410

■ 135.7030,
-20.1320, 23.4520

■ 0.0000, 0.0000,
0.0000

■ 162.2300,
-20.1780, 24.2860

■ 189.7570,
-20.2240, 25.1200

■ 214.2770,

-10.3650, 17.1470

239.3840, -0.7810,
8.6510

37.4480, -24.0280,
16.9640

37.4480, -24.0280,
16.9640

30.0610, -27.1920,
19.2400

44.8350, -20.8640,
14.6880

22.3750, -30.9520,
21.3040

52.5210, -17.1040,
12.6240

17.0590, -32.8780,
23.1700

60.4950, -14.2150,
9.8250

67.8820, -11.0510,
7.5490

75.2690, -7.8870,
5.2730

■ 82.9550, -4.1270,
3.2090

■ 90.3420, -0.9630,
0.9330

■ 98.3160, 1.9260,
-1.8660

■ 106.0020, 5.6860,
-3.9300

Harmonies

Analogous

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



37.8150, -44.4750, 7.5650



37.4480, -24.0280, 16.9640



37.0680, 15.6290, 30.6450

Triad

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



37.4480, -24.0280, 16.9640



36.2140, 37.5040, 3.1360



34.0410, -25.5810, -15.4770

Complementary

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



37.4480, -24.0280, 16.9640



80.5520, 24.0280, -16.9640

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.



28.7630, -13.4750, -25.6270



37.4480, -24.0280, 16.9640



38.1530, 21.1380, -8.6380

Square

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



37.4480, -24.0280, 16.9640



28.1960, 47.0830, 22.2750



34.1780, 1.6540, -18.9700



38.0480, -35.4860, -6.6700

Rectangle

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



37.4480, -24.0280, 16.9640



31.2720, 32.7300, 34.6020



34.1780, 1.6540, -18.9700



32.7870, -22.0500, -18.8980

Sweetspot

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



37.4480, -24.0280, 16.9640



98.4260, -9.7670, 6.3050



71.6420, -37.6390, -17.2150



47.9980, -5.6860, 3.9300



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



37.4480, -24.0280, 16.9640



33.7150, -37.6010, 26.1670



40.2270, -6.9280, 26.4480



42.1570, -1.8800, 1.0320



20.1710, -38.8850, 27.4110



43.4540, -83.7770, 59.0630

Inverse Universe

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



46.2440, 37.9600, 16.9040



47.1760, 59.0030, 26.5150



77.7730, 6.9280, -26.4480



42.6090, 2.6590, 1.3710



34.3720, 61.3870, 27.3630



74.0550, 132.2640, 58.9520

Previews

White Background



This preview shows how the YIQ color 37.4480, -24.0280, 16.9640 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 37.4480, -24.0280, 16.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

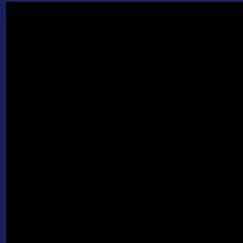
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.4480, -24.0280, 16.9640

Background



This preview shows how black text looks on a background with the YIQ color 37.4480, -24.0280, 16.9640.



This preview shows how white text looks on a background with the YIQ color 37.4480, -24.0280,

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

37.4480, -24.0280, 16.9640

Protanopia

32.2410, -37.0470, 5.1050

Deuteranopia

32.0470, -33.7450, 0.3270



Tritanopia

31.7730, -27.4620, -8.9180

Trichromacy



Original Color

37.4480, -24.0280, 16.9640

Protanomaly

34.2140, -32.4170, 9.3030

Deuteranomaly

33.8890, -30.1240, 6.2920

Tritanomaly

34.0540, -26.4550, 0.3690

Monochromacy



Original Color

37.4480, -24.0280, 16.9640

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.4970, -8.5290, 5.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4480, -24.0280, 16.9640 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(25, 33, 93)` looks like.

```
.text, #text, p{  
    color:rgb(25, 33, 93)  
}
```

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(25, 33, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 33, 93) }
```

Border

The CSS property to change the border of an element to YIQ 37.4480, -24.0280, 16.9640 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(25, 33, 93) }
```


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

```
.border{ border-color:rgb(25, 33, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 33, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 33, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 33, 93);  
box-shadow:4px 4px 4px 4px rgb(25, 33, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.4480, -24.0280, 16.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 33, 93) }
```

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

```
.background{ background-color: rgb(25, 33,  
93) }
```

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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