

Converting Colors

YIQ(41.1150, -44.4790, 29.6730)

Have a look what the booklet for
YIQ(41.1150, -44.4790, 29.6730)
contains.

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Color

**YIQ(41.1150, -44.4790,
29.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	11228D
RGB	17, 34, 141
RGB Percent	7%, 13%, 55%
CMY	0.9333, 0.8666, 0.4473
CMYK	0.88, 0.76, 0.00, 0.45
HSL	232°, 78%, 31%
HSV	232°, 88%, 55%
XYZ	5.6063, 3.1848, 25.4928
YIQ	41.1150, -44.4790, 29.6730

Conversions

Conversions Part 2

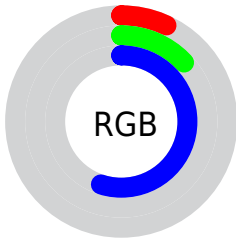
Format	Color
R_{YB}	17, 32, 141
Decimal	1122957
CIE _{Lab}	20.77, 36.14, -59.87
CIE _{LCh}	21, 69.936, 301.119
Yxy	3.1848, 0.1635, 0.0929
Android (android.graphics.Color)	4279313037 (0xFF11228D)
YUV	41.1150, 49.2433, -21.1489
Hunter-Lab	17.8461, 24.8448, -72.2022

Details

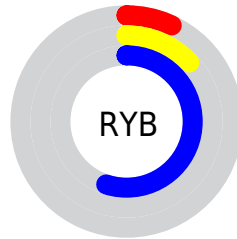
The YIQ color **41.1150, -44.4790, 29.6730** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **116.8850, 44.4790, -29.6730**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **95.3280, -31.5970, 38.5070**, and **10.2600, -28.8900, 27.9900** is the 20% darker color. If you saturate the color by 10%, you get **29.8850, -49.5230, 32.9810**, and if you desaturate by 10%, it is **52.3450, -39.4350, 26.3650**.

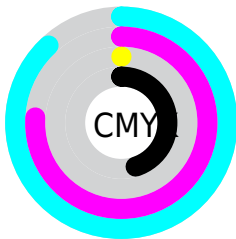
Distribution



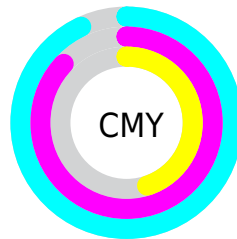
- Red (7%)
- Green (13%)
- Blue (55%)



- Red (7%)
- Yellow (13%)
- Blue (55%)



- Cyan (88%)
- Magenta (76%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.1150, -44.4790, 29.6730 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 41.1150, -44.4790, 29.6730 by changing the saturation by 10% instead.

■ 41.1150, -44.4790,
29.6730

■ 41.1150, -44.4790,
29.6730

■ 255.0000, -0.0000,
-0.0000

■ 20.7410, -40.4900,
28.9660

■ 95.3280, -31.5970,
38.5070

■ 10.1460, -28.5690,
27.6790

■ 121.8660,
-30.1760, 40.2880

■ 11.5190, -22.7900,
16.5540

■ 148.5180,
-29.0760, 42.3800

■ 6.5490, -14.3070,
11.4930

■ 172.6790,
-19.5840, 35.5520

■ 2.8670, -6.6950,
5.6970

■ 197.1990, -9.7250,
27.5790

■ 0.0000, 0.0000,
0.0000

■ 222.6050, 0.4550,

19.2950

245.0210, 4.6750,
8.8910

41.1150, -44.4790,
29.6730

41.1150, -44.4790,
29.6730

29.8850, -49.5230,
32.9810

52.3450, -39.4350,
26.3650

27.2270, -50.4860,
33.9140

63.5750, -34.3910,
23.0570

74.8050, -29.3470,
19.7490

86.6220, -24.5780,
15.9180

97.8520, -19.5340,
12.6100

■ 109.3810,
-13.8940, 9.5140

■ 120.6110, -8.8500,
6.2060

■ 131.8410, -3.8060,
2.8980

■ 143.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



52.5310, -66.6220, 17.9700



41.1150, -44.4790, 29.6730



43.8060, 31.9470, 54.3070

Triad

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



41.1150, -44.4790, 29.6730



42.2270, 53.8250, 10.2170



45.1430, -34.7960, -19.1800

Complementary

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



41.1150, -44.4790, 29.6730



116.8850, 44.4790, -29.6730

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.



38.1550, -17.8750, -33.9950



41.1150, -44.4790, 29.6730



47.0020, 22.8810, -12.6950

Square

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



41.1150, -44.4790, 29.6730



37.6740, 75.0960, 26.7120



35.8070, -16.7750, -31.9030



51.6580, -51.7630, -3.5310

Rectangle

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



41.1150, -44.4790, 29.6730



45.7250, 53.8640, 48.0720



35.8070, -16.7750, -31.9030



42.9770, -28.6970, -25.0890

Sweetspot

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



41.1150, -44.4790, 29.6730



144.9940, -17.0580, 11.7900



101.7580, -67.8050, -32.1970



68.6540, -10.4090, 6.9270



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



41.1150, -44.4790, 29.6730



35.6510, -65.9390, 44.1490



43.9930, -14.1760, 47.6800



65.3850, -2.5220, 1.6540



26.5430, -48.5600, 32.0480



1.4990, -2.8430, 1.9650

Inverse Universe

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



56.0140, 68.4470, 31.5750



57.8660, 101.6390, 46.7830



114.0070, 14.1760, -47.6800



66.2070, 3.8510, 1.7950



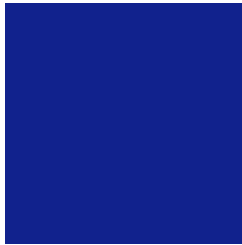
42.5310, 74.3610, 34.5290



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 41.1150, -44.4790, 29.6730 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 41.1150, -44.4790, 29.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

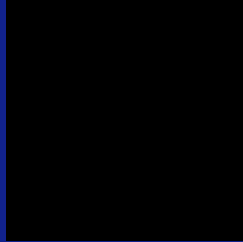
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.1150, -44.4790, 29.6730

Background



This preview shows how black text looks on a background with the YIQ color 41.1150, -44.4790, 29.6730.



This preview shows how white text looks on a background with the YIQ color 41.1150, -44.4790,

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

41.1150, -44.4790, 29.6730

Protanopia

40.5050, -46.5380, 6.4060

Deuteranopia

40.4420, -42.2270, -0.1390



Tritanopia

39.5980, -34.3390, -10.9390

Trichromacy



Original Color

41.1150, -44.4790, 29.6730

Protanomaly

40.9600, -46.0810, 14.6470

Deuteranomaly

40.4070, -43.1460, 11.0140

Tritanomaly

40.1160, -38.1930, 3.8470

Monochromacy



Original Color

41.1150, -44.4790, 29.6730

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.6520, -16.0950, 10.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.1150, -44.4790, 29.6730 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(17, 34, 141)` looks like.

```
.text, #text, p{  
    color:rgb(17, 34, 141)  
}
```

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(17, 34, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 34, 141) }
```

Border

The CSS property to change the border of an element to YIQ 41.1150, -44.4790, 29.6730 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(17, 34, 141) }
```


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

```
.border{ border-color:rgb(17, 34, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 34, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 34, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 34, 141);  
box-shadow:4px 4px 4px 4px rgb(17, 34,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 41.1150, -44.4790, 29.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 34, 141) }
```

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

```
.background{ background-color: rgb(17, 34,  
141) }
```

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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