

Converting Colors

YIQ(128.2730, -41.2140,
-24.0140)

Have a look what the booklet for
YIQ(128.2730, -41.2140, -24.0140)
contains.

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Color

**YIQ(128.2730, -41.2140,
-24.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9B85
RGB	74, 155, 133
RGB Percent	29%, 61%, 52%
CMY	0.7100, 0.3920, 0.4786
CMYK	0.52, 0.00, 0.14, 0.39
HSL	164°, 35%, 45%
HSV	164°, 52%, 61%
XYZ	18.7780, 26.6002, 26.3214
YIQ	128.2730, -41.2140, -24.0140

Conversions

Conversions Part 2

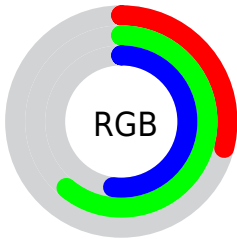
Format	Color
RYB	74, 121, 155
Decimal	4889477
CIELab	58.60, -30.35, 4.04
CIELCh	59, 30.619, 172.426
Yxy	26.6002, 0.2619, 0.3710
Android (android.graphics.Color)	4283079557 (0xFF4A9B85)
YUV	128.2730, 2.3304, -47.5974
Hunter-Lab	51.5754, -25.2669, 5.8442

Details

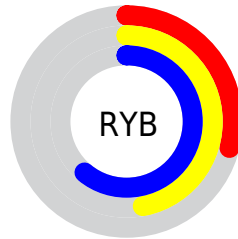
The YIQ color **128.2730, -41.2140, -24.0140** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.7270, 41.2140, 24.0140**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.0450, -40.5720, -24.6360**, and **72.4290, -50.5210, -26.0490** is the 20% darker color. If you saturate the color by 10%, you get **123.0330, -49.4660, -28.6500**, and if you desaturate by 10%, it is **133.2140, -33.5580, -19.5900**.

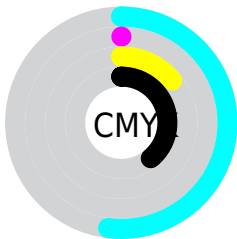
Distribution



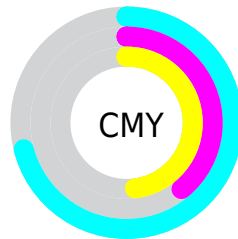
- Red (29%)
- Green (61%)
- Blue (52%)



- Red (29%)
- Yellow (47%)
- Blue (61%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (71%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2730, -41.2140, -24.0140 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 128.2730, -41.2140, -24.0140 by changing the saturation by 10% instead.

■ 128.2730,
-41.2140, -24.0140

■ 128.2730,
-41.2140, -24.0140

■ 255.0000, -0.0000,
-0.0000

■ 101.7890,
-42.7270, -24.1270

■ 183.0450,
-40.5720, -24.6360

■ 72.4290, -50.5210,
-26.0490

■ 210.7460,
-41.1680, -24.8480

■ 53.2130, -40.9850,
-22.6570

■ 232.2890,
-38.1430, -19.0950

■ 36.7310, -27.6440,
-16.6360

■ 242.4420,
-25.0320, -8.9040

■ 22.5970, -15.4030,
-12.7070

■ 251.1130, -7.7480,
-2.7560

■ 0.0000, 0.0000,
0.0000

■ 128.2730,
-41.2140, -24.0140

■ 128.2730,
-41.2140, -24.0140

■ 123.0330,
-49.4660, -28.6500

■ 133.2140,
-33.5580, -19.5900

■ 118.0920,
-57.1220, -33.0740

■ 138.4540,
-25.3060, -14.9540

■ 112.7380,
-65.0530, -38.0210

■ 143.5090,
-17.9710, -10.2190

■ 107.7970,
-72.7090, -42.4450

■ 148.7490, -9.7190,
-5.5830

■ 103.8670,
-78.8980, -45.9220

■ 153.6900, -2.0630,
-1.1590

■ 158.9300, 6.1890,
3.4770

■ 163.9850, 13.5240,
8.2120

■ 169.2250, 21.7760,

12.8480

■ 174.1660, 29.4320,
17.2720

Harmonies

Analogous

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



133.4150, -12.3750, -23.5350



128.2730, -41.2140, -24.0140



122.3810, -67.7610, -21.9770

Triad

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



128.2730, -41.2140, -24.0140



141.8570, -17.9300, 16.5820



141.7370, 43.2810, 3.0650

Complementary

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



128.2730, -41.2140, -24.0140



100.7270, 41.2140, 24.0140

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.



142.9410, 43.1870, 15.7870



128.2730, -41.2140, -24.0140



144.6170, 9.3490, 23.3090

Square

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



128.2730, -41.2140, -24.0140



135.3260, -47.5920, 3.4800



144.5240, 31.5400, 23.1240



139.7860, 32.4170, -9.3030

Rectangle

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



128.2730, -41.2140, -24.0140



123.3190, -73.2180, -16.6900



144.5240, 31.5400, 23.1240



141.9700, 44.2430, 7.6590

Sweetspot

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



128.2730, -41.2140, -24.0140



190.5200, -16.5040, -9.2720



128.4240, -8.5670, -37.4870



95.7490, -9.7190, -5.5830



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



128.2730, -41.2140, -24.0140



159.4500, -64.1820, -37.2860



120.2150, -43.3260, -7.7580



74.2660, -3.8050, -2.6290



93.8080, -71.2420, -41.4980



8.6570, -6.4640, -4.0000

Inverse Universe

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



100.7270, 41.2140, 24.0140



116.5500, 64.1820, 37.2860



108.7850, 43.3260, 7.7580



71.6200, 4.1260, 2.3180



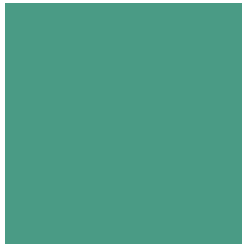
46.1920, 71.2420, 41.4980



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 128.2730, -41.2140, -24.0140 looks on a white background.

Color Contrast Check

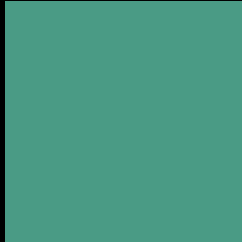
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 128.2730, -41.2140, -24.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

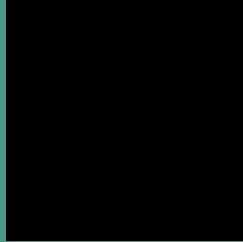
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.2730, -41.2140, -24.0140 Background



This preview shows how black text looks on a background with the YIQ color 128.2730, -41.2140, -24.0140.



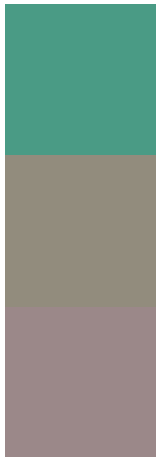
This preview shows how white text looks on a background with the YIQ color 128.2730, -41.2140, -24.0140.

-24.0140.

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

128.2730, -41.2140, -24.0140

Protanopia

140.0840, 8.3910, -3.3930

Deuteranopia

141.7950, 11.0030, 4.3390



Tritanopia

132.0360, -44.3800, -10.6840

Trichromacy



Original Color

128.2730, -41.2140, -24.0140

Protanomaly

135.5870, -9.4430, -10.5870

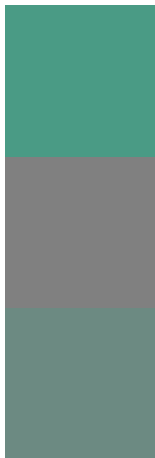
Deuteranomaly

137.1190, -7.8850, -5.7810

Tritanomaly

130.4720, -42.9120, -15.2640

Monochromacy



Original Color

128.2730, -41.2140, -24.0140

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1180, -15.3120, -8.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2730, -41.2140, -24.0140 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(74, 155, 133)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 133)  
}
```

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(74, 155, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 133) }
```

Border

The CSS property to change the border of an element to YIQ 128.2730, -41.2140, -24.0140 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(74, 155, 133) }
```


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

```
.border{ border-color:rgb(74, 155, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2730, -41.2140, -24.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 133) }
```

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

```
.background{ background-color: rgb(74, 155,  
133) }
```

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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