

Converting Colors

YIQ(134.2730, -41.2140,
-24.0140)

Have a look what the booklet for
YIQ(134.2730, -41.2140, -24.0140)
contains.

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Color

**YIQ(134.2730, -41.2140,
-24.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	50A18B
RGB	80, 161, 139
RGB Percent	31%, 63%, 55%
CMY	0.6865, 0.3685, 0.4550
CMYK	0.50, 0.00, 0.14, 0.37
HSL	164°, 34%, 47%
HSV	164°, 50%, 63%
XYZ	20.7121, 29.0678, 28.9308
YIQ	134.2730, -41.2140, -24.0140

Conversions

Conversions Part 2

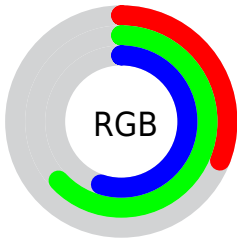
Format	Color
RYB	80, 127, 161
Decimal	5284235
CIELab	60.84, -30.33, 3.91
CIELCh	61, 30.580, 172.657
Yxy	29.0678, 0.2631, 0.3693
Android (android.graphics.Color)	4283474315 (0xFF50A18B)
YUV	134.2730, 2.3304, -47.5974
Hunter-Lab	53.9146, -25.7770, 5.9249

Details

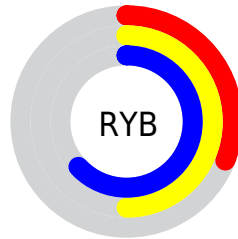
The YIQ color **134.2730, -41.2140, -24.0140** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.7270, 41.2140, 24.0140**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.0450, -40.5720, -24.6360**, and **79.8100, -47.2200, -25.3000** is the 20% darker color. If you saturate the color by 10%, you get **129.0330, -49.4660, -28.6500**, and if you desaturate by 10%, it is **139.5130, -32.9620, -19.3780**.

Distribution



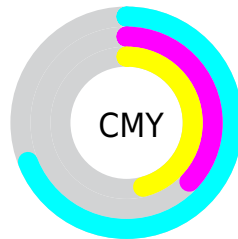
- Red (31%)
- Green (63%)
- Blue (55%)



- Red (31%)
- Yellow (50%)
- Blue (63%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.2730, -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 134.2730, -41.2140, -24.0140 by changing the saturation by 10% instead.

■ 134.2730,
-41.2140, -24.0140

■ 134.2730,
-41.2140, -24.0140

■ 255.0000, -0.0000,
-0.0000

■ 107.7890,
-42.7270, -24.1270

■ 189.0450,
-40.5720, -24.6360

■ 79.8100, -47.2200,
-25.3000

■ 217.3330,
-41.4430, -25.3710

■ 56.8320, -44.2860,
-23.4060

■ 235.1800,
-36.2180, -15.4340

■ 40.2360, -30.6240,
-17.6960

■ 244.2360,
-21.4560, -7.6320

■ 24.9280, -17.8330,
-12.7210

■ 253.2060, -3.5760,
-1.2720

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,

0.0000

■ 134.2730,
-41.2140, -24.0140

■ 134.2730,
-41.2140, -24.0140

■ 129.0330,
-49.4660, -28.6500

■ 139.5130,
-32.9620, -19.3780

■ 123.6790,
-57.3970, -33.5970

■ 144.8670,
-25.0310, -14.4310

■ 118.4390,
-65.6490, -38.2330

■ 150.1070,
-16.7790, -9.7950

■ 113.0850,
-73.5800, -43.1800

■ 155.3470, -8.5270,
-5.1590

■ 107.8450,
-81.8320, -47.8160

■ 160.7010, -0.5960,
-0.2120

■ 166.2400, 8.2520,
4.6360

■ 171.5940, 16.1830,
9.5830

■ 176.8340, 24.4350,
14.2190

■ 182.0740, 32.6870,
18.8550

Harmonies

Analogous

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



139.4150, -12.3750, -23.5350



134.2730, -41.2140, -24.0140



129.0930, -66.8900, -21.2420

Triad

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



134.2730, -41.2140, -24.0140



147.8570, -17.9300, 16.5820



147.7370, 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.



134.2730, -41.2140, -24.0140



106.7270, 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.



148.8270, 43.5080, 15.4760



134.2730, -41.2140, -24.0140



150.9160, 9.9450, 23.5210

Square

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



134.2730, -41.2140, -24.0140



141.0380, -46.7210, 4.2150



150.5240, 31.5400, 23.1240



145.6720, 32.7380, -9.6140

Rectangle

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



134.2730, -41.2140, -24.0140



129.6290, -71.1550, -15.5310



150.5240, 31.5400, 23.1240



147.8560, 44.5640, 7.3480

Sweetspot

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



134.2730, -41.2140, -24.0140



198.8190, -15.9080, -9.0600



134.4240, -8.5670, -37.4870



98.6350, -9.3980, -5.8940



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



134.2730, -41.2140, -24.0140



167.7490, -63.5860, -37.0740



126.2150, -43.3260, -7.7580



78.9670, -4.4010, -2.8410



97.1990, -73.9010, -42.8690



12.0480, -9.1230, -5.3710

Inverse Universe

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



106.7270, 41.2140, 24.0140



125.2510, 63.5860, 37.0740



114.7850, 43.3260, 7.7580



76.0330, 4.4010, 2.8410



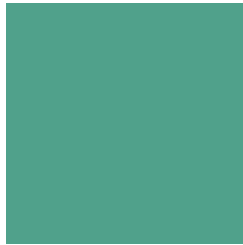
47.9150, 73.5800, 43.1800



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 134.2730, -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 134.2730, -41.2140, -24.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

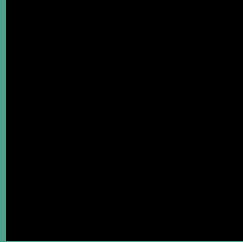
Any Text WCAG AA ✓ Pass

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 134.2730, -41.2140, -24.0140 Background



This preview shows how black text looks on a background with the YIQ color 134.2730, -41.2140, -24.0140.

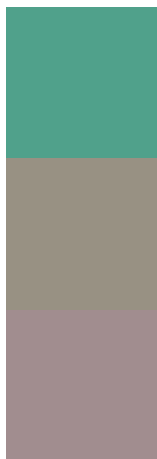


This preview shows how white text looks on a background with the YIQ color 134.2730, -41.2140, -24.0140.

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

134.2730, -41.2140, -24.0140

Protanopia

145.4970, 8.6660, -2.8700

Deuteranopia

147.2080, 11.2780, 4.8620



Tritanopia

138.0360, -44.3800, -10.6840

Trichromacy



Original Color

134.2730, -41.2140, -24.0140

Protanomaly

141.5870, -9.4430, -10.5870

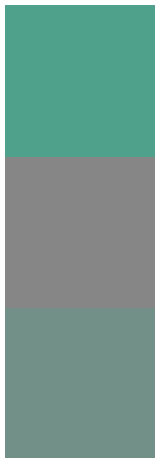
Deuteranomaly

142.5320, -7.6100, -5.2580

Tritanomaly

136.4720, -42.9120, -15.2640

Monochromacy



Original Color

134.2730, -41.2140, -24.0140

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.1180, -15.3120, -8.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.2730, -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(80, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 139)  
}
```

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(80, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 139) }
```

Border

The CSS property to change the border of an element to YIQ 134.2730, -41.2140, -24.0140 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

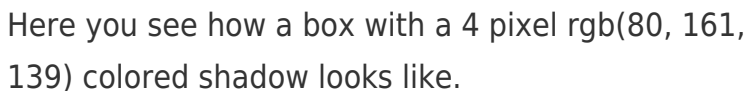
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 161, 139) }
```


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

```
.border{ border-color:rgb(80, 161, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(80, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 139);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 134.2730, -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(80, 161, 139) }
```

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

```
.background{ background-color: rgb(80, 161,  
139) }
```

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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