

Converting Colors

YIQ(128.5730, -24.0230,
-10.6710)

Have a look what the booklet for
YIQ(128.5730, -24.0230, -10.6710)
contains.

YIQ(128.5730, -24.0230, -10.6710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.5730, -24.0230,
-10.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	638E89
RGB	99, 142, 137
RGB Percent	39%, 56%, 54%
CMY	0.6119, 0.4431, 0.4628
CMYK	0.30, 0.00, 0.04, 0.44
HSL	173°, 18%, 47%
HSV	173°, 30%, 56%
XYZ	19.3320, 23.8080, 27.2346
YIQ	128.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

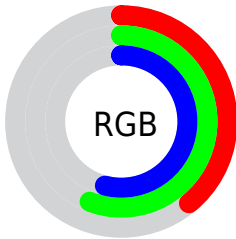
Format	Color
R_{YB}	99, 122, 142
Decimal	6524553
CIE _{Lab}	55.90, -15.85, -2.06
CIE _{LCh}	56, 15.979, 187.395
Yxy	23.8080, 0.2747, 0.3383
Android (android.graphics.Color)	4284714633 (0xFF638E89)
YUV	128.5730, 4.1545, -25.9355
Hunter-Lab	48.7934, -14.6665, 1.0620

Details

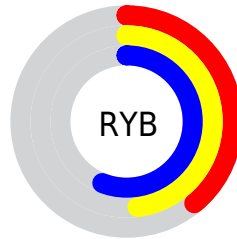
The YIQ color **128.5730, -24.0230, -10.6710** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.4270, 24.0230, 10.6710**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8610, -24.8940, -11.4060**, and **78.8720, -23.4270, -10.4590** is the 20% darker color. If you saturate the color by 10%, you get **124.1590, -31.7250, -14.2610**, and if you desaturate by 10%, it is **132.9870, -16.3210, -7.0810**.

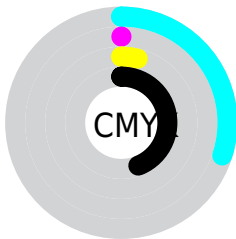
Distribution



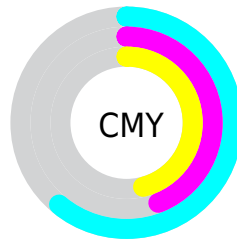
- Red (39%)
- Green (56%)
- Blue (54%)



- Red (39%)
- Yellow (48%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.5730, -24.0230, -10.6710 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 128.5730, -24.0230, -10.6710 by changing the saturation by 10% instead.

■ 128.5730,
-24.0230, -10.6710

■ 128.5730,
-24.0230, -10.6710

■ 255.0000, -0.0000,
-0.0000

■ 102.9860,
-23.7480, -10.1480

■ 181.8610,
-24.8940, -11.4060

■ 78.8720, -23.4270,
-10.4590

■ 209.5620,
-25.4900, -11.6180

■ 54.6870, -24.3440,
-10.3600

■ 237.6760,
-25.8110, -11.3070

■ 31.7900, -26.1320,
-10.9960

■ 249.0200,
-11.9200, -4.2400

■ 17.7700, -14.2120,
-6.7560

■ 0.0000, 0.0000,
0.0000

■ 128.5730,
-24.0230, -10.6710

■ 128.5730,
-24.0230, -10.6710

■ 124.1590,
-31.7250, -14.2610

■ 132.9870,
-16.3210, -7.0810

■ 119.8590,
-39.7480, -17.5400

■ 137.2870, -8.2980,
-3.8020

■ 115.1460,
-48.0460, -21.3420

■ 142.0000, -0.0000,
-0.0000

■ 110.7320,
-55.7480, -24.9320

■ 146.4140, 7.7020,
3.5900

■ 106.4320,
-63.7710, -28.2110

■ 150.7140, 15.7250,
6.8690

■ 102.0180,
-71.4730, -31.8010

■ 155.1280, 23.4270,
10.4590

■ 97.6040, -79.1750,
-35.3910

■ 159.5420, 31.1290,
14.0490

■ 164.1410, 39.7480,

17.5400

■ 168.5550, 47.4500,
21.1300

Harmonies

Analogous

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



129.6790, -12.6980, -12.1700



128.5730, -24.0230, -10.6710



128.8700, -29.1130, -6.5290

Triad

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



128.5730, -24.0230, -10.6710



135.6660, -1.5150, 10.9410



134.7820, 21.0450, -1.4430

Complementary

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



128.5730, -24.0230, -10.6710



112.4270, 24.0230, 10.6710

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.



135.8520, 24.0240, 5.1440



128.5730, -24.0230, -10.6710



136.8370, 11.1850, 12.0570

Square

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



128.5730, -24.0230, -10.6710



133.7890, -15.2230, 6.0650



136.1600, 20.4010, 10.2330



132.9010, 13.1600, -7.2240

Rectangle

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



128.5730, -24.0230, -10.6710



129.9890, -27.8300, -2.2460



136.1600, 20.4010, 10.2330



134.7330, 22.7410, 0.8610

Sweetspot

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



128.5730, -24.0230, -10.6710



178.6890, -9.4900, -4.2260



126.0350, -8.2490, -21.2170



88.8960, -5.6390, -2.4310



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.



128.5730, -24.0230, -10.6710



163.3540, -36.7680, -16.4800



119.7510, -21.2280, -0.7480



68.9070, -4.1720, -1.4840



92.8110, -75.3240, -33.5960



5.4940, -4.4470, -2.0070

Inverse Universe

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



112.4270, 24.0230, 10.6710



138.5320, 37.0890, 16.1690



121.2490, 21.2280, 0.7480



66.2070, 3.8510, 1.7950



42.1890, 75.3240, 33.5960



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 128.5730, -24.0230, -10.6710 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 128.5730, -24.0230, -10.6710 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 128.5730, -24.0230, -10.6710 Background



This preview shows how black text looks on a background with the YIQ color 128.5730, -24.0230, -10.6710.



This preview shows how white text looks on a background with the YIQ color 128.5730, -24.0230, -10.6710.

-10.6710.

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

128.5730, -24.0230, -10.6710

Protanopia

133.7830, 2.1090, 0.3250

Deuteranopia

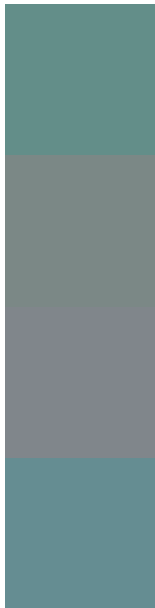
134.7390, 5.4090, 6.6010



Tritanopia

129.8920, -26.1790, -4.6350

Trichromacy



Original Color

128.5730, -24.0230, -10.6710

Protanomaly

131.8850, -7.1060, -3.3780

Deuteranomaly

132.7760, -5.1810, 0.2830

Tritanomaly

129.6100, -25.4450, -6.9250

Monochromacy



Original Color

128.5730, -24.0230, -10.6710

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5730, -24.0230, -10.6710 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(99, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(99, 142, 137)  
}
```

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(99, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 142, 137) }
```

Border

The CSS property to change the border of an element to YIQ 128.5730, -24.0230, -10.6710 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(99, 142, 137) }
```


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

```
.border{ border-color:rgb(99, 142, 137) }
```

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

Here you see how a box with a 4 pixel rgb(99, 142, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(99, 142,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5730, -24.0230, -10.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 142, 137) }
```

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

```
.background{ background-color: rgb(99, 142,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor