

Converting Colors

YIQ(98.5730, -24.0230,
-10.6710)

Have a look what the booklet for
YIQ(98.5730, -24.0230, -10.6710)
contains.

YIQ(98.5730, -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(98.5730, -24.0230,
-10.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	45706B
RGB	69, 112, 107
RGB Percent	27%, 44%, 42%
CMY	0.7295, 0.5607, 0.5805
CMYK	0.38, 0.00, 0.05, 0.56
HSL	173°, 24%, 35%
HSV	173°, 38%, 44%
XYZ	10.9011, 13.9176, 16.0153
YIQ	98.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

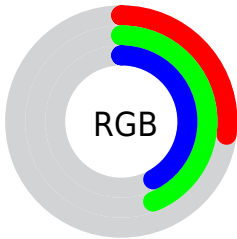
Format	Color
R _{YB}	69, 92, 112
Decimal	4550763
CIE Lab	44.11, -16.18, -1.93
CIE LCh	44, 16.299, 186.793
Yxy	13.9176, 0.2670, 0.3408
Android (android.graphics.Color)	4282740843 (0xFF45706B)
YUV	98.5730, 4.1545, -25.9355
Hunter-Lab	37.3063, -13.1273, 0.6617

Details

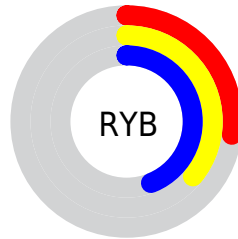
The YIQ color **98.5730, -24.0230, -10.6710** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.4270, 24.0230, 10.6710**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8610, -24.8940, -11.4060**, and **50.3880, -24.9400, -10.5720** is the 20% darker color. If you saturate the color by 10%, you get **95.1700, -30.2580, -13.3140**, and if you desaturate by 10%, it is **101.9760, -17.7880, -8.0280**.

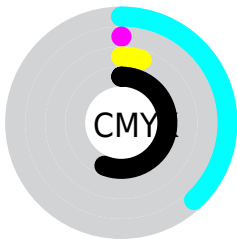
Distribution



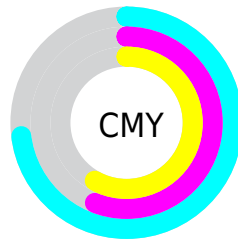
- Red (27%)
- Green (44%)
- Blue (42%)



- Red (27%)
- Yellow (36%)
- Blue (44%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (73%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.5730, -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 98.5730, -24.0230, -10.6710 by changing the saturation by 10% instead.

■ 98.5730, -24.0230,
-10.6710

■ 98.5730, -24.0230,
-10.6710

■ 255.0000, -0.0000,
-0.0000

■ 73.9860, -23.7480,
-10.1480

■ 149.8610,
-24.8940, -11.4060

■ 50.3880, -24.9400,
-10.5720

■ 176.8610,
-24.8940, -11.4060

■ 28.9860, -23.7480,
-10.1480

■ 204.5620,
-25.4900, -11.6180

■ 15.4390, -11.7820,
-6.7420

■ 232.8500,
-26.3610, -12.3530

■ 0.0000, 0.0000,
0.0000

■ 247.2260,
-15.4960, -5.5120

■ 98.5730, -24.0230,
-10.6710

■ 98.5730, -24.0230,
-10.6710

■ 95.1700, -30.2580,
-13.3140

■ 101.9760,
-17.7880, -8.0280

■ 91.6530, -36.1720,
-16.2680

■ 105.4930,
-11.8740, -5.0740

■ 87.9510, -43.0030,
-19.1230

■ 109.1950, -5.0430,
-2.2190

■ 84.5480, -49.2380,
-21.7660

■ 112.5980, 1.1920,
0.4240

■ 81.0310, -55.1520,
-24.7200

■ 116.1150, 7.1060,
3.3780

■ 77.6280, -61.3870,
-27.3630

■ 119.5180, 13.3410,
6.0210

■ 77.0300, -62.5790,
-27.7870

■ 122.9210, 19.5760,
8.6640

■ 126.6230, 26.4070,

11.5190

■ 130.1400, 32.3210,
14.4730

Harmonies

Analogous

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



99.9780, -12.1020, -11.9580



98.5730, -24.0230, -10.6710



98.5710, -29.7090, -6.7410

Triad

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



98.5730, -24.0230, -10.6710



105.9540, -2.3860, 10.2060



104.8960, 20.7240, -1.1320

Complementary

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



98.5730, -24.0230, -10.6710



82.4270, 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.



105.6670, 23.1070, 5.2430



98.5730, -24.0230, -10.6710



106.5380, 10.5890, 11.8450

Square

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



98.5730, -24.0230, -10.6710



103.4900, -15.8190, 5.8530



106.5620, 19.2090, 9.8090



103.0150, 12.8390, -6.9130

Rectangle

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



98.5730, -24.0230, -10.6710



100.1630, -28.3800, -3.2920



106.5620, 19.2090, 9.8090



104.8470, 22.4200, 1.1720

Sweetspot

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



98.5730, -24.0230, -10.6710



139.6890, -9.4900, -4.2260



96.0350, -8.2490, -21.2170



70.8960, -5.6390, -2.4310



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



98.5730, -24.0230, -10.6710



124.1690, -37.6850, -16.3810



89.7510, -21.2280, -0.7480



54.0920, -3.2550, -1.5830



82.5240, -67.0260, -29.7940



169.8410, -137.9030, -61.3830

Inverse Universe

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



82.4270, 24.0230, 10.6710



98.9450, 37.3640, 16.6920



91.2490, 21.2280, 0.7480



51.9080, 3.2550, 1.5830



37.4760, 67.0260, 29.7940



77.1590, 137.9030, 61.3830

Previews

White Background



This preview shows how the YIQ color 98.5730, -24.0230, -10.6710 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 × Fail

Black Background



This preview shows how the YIQ color 98.5730, -24.0230, -10.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

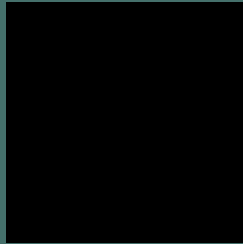
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.5730, -24.0230, -10.6710

Background



This preview shows how black text looks on a background with the YIQ color 98.5730, -24.0230, -10.6710.



This preview shows how white text looks on a background with the YIQ color 98.5730, -24.0230,

-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

98.5730, -24.0230, -10.6710

Protanopia

103.7830, 2.1090, 0.3250

Deuteranopia

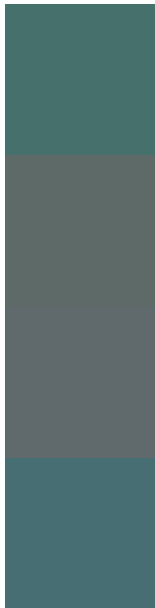
104.9020, 3.3920, 4.6080



Tritanopia

99.6640, -25.5370, -5.2570

Trichromacy



Original Color

98.5730, -24.0230, -10.6710

Protanomaly

101.8850, -7.1060, -3.3780

Deuteranomaly

102.6510, -6.3270, -0.9750

Tritanomaly

99.4960, -25.1240, -7.2360

Monochromacy



Original Color

98.5730, -24.0230, -10.6710

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5730, -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(69, 112, 107)` looks like.

```
.text, #text, p{  
    color:rgb(69, 112, 107)  
}
```

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(69, 112, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 112, 107) }
```

Border

The CSS property to change the border of an element to YIQ 98.5730, -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(69, 112, 107) }
```


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

```
.border{ border-color:rgb(69, 112, 107) }
```

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

Here you see how a box with a 4 pixel rgb(69, 112, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 112, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 112, 107);  
box-shadow:4px 4px 4px 4px rgb(69, 112,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5730, -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(69, 112, 107) }
```

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

```
.background{ background-color: rgb(69, 112,  
107) }
```

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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