

Converting Colors

YIQ(122.9730, -22.8740,
-25.9940)

Have a look what the booklet for
YIQ(122.9730, -22.8740, -25.9940)
contains.

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Color

**YIQ(122.9730, -22.8740,
-25.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	559268
RGB	85, 146, 104
RGB Percent	33%, 57%, 41%
CMY	0.6668, 0.4273, 0.5922
CMYK	0.42, 0.00, 0.29, 0.43
HSL	139°, 26%, 45%
HSV	139°, 42%, 57%
XYZ	16.5231, 23.4941, 16.7567
YIQ	122.9730, -22.8740, -25.9940

Conversions

Conversions Part 2

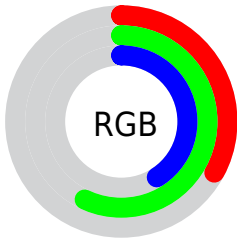
Format	Color
R_{YB}	85, 132, 146
Decimal	5608040
CIE _{Lab}	55.58, -29.47, 16.23
CIE _{LCh}	56, 33.645, 151.155
Yxy	23.4941, 0.2910, 0.4138
Android (android.graphics.Color)	4283798120 (0xFF559268)
YUV	122.9730, -9.3537, -33.3023
Hunter-Lab	48.4707, -23.9751, 13.4325

Details

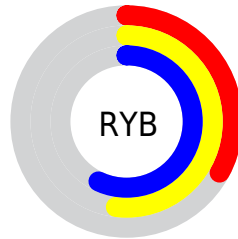
The YIQ color **122.9730, -22.8740, -25.9940** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.0270, 22.8740, 25.9940**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0330, -23.1030, -27.3510**, and **72.1300, -24.7540, -24.9620** is the 20% darker color. If you saturate the color by 10%, you get **117.3480, -28.6040, -32.2840**, and if you desaturate by 10%, it is **128.5980, -17.1440, -19.7040**.

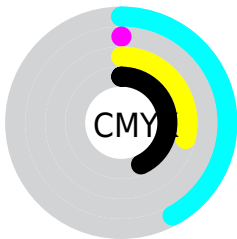
Distribution



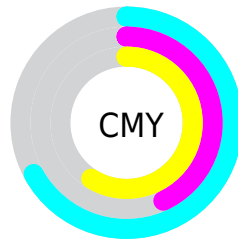
- Red (33%)
- Green (57%)
- Blue (41%)



- Red (33%)
- Yellow (52%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9730, -22.8740, -25.9940 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 122.9730, -22.8740, -25.9940 by changing the saturation by 10% instead.

■ 122.9730,
-22.8740, -25.9940

■ 122.9730,
-22.8740, -25.9940

■ 255.0000, -0.0000,
-0.0000

■ 97.2010, -23.5160,
-25.3720

■ 176.0330,
-23.1030, -27.3510

■ 72.1300, -24.7540,
-24.9620

■ 204.2070,
-23.6530, -28.3970

■ 45.9660, -30.1640,
-26.0360

■ 231.0330,
-23.1030, -27.3510

■ 29.7720, -17.6940,
-20.7500

■ 242.8960,
-14.8070, -12.4950

■ 16.4360, -7.7000,
-14.6440

■ 253.5050, -2.9800,
-1.0600

■ 0.0000, 0.0000,
0.0000

■ 122.9730,
-22.8740, -25.9940

■ 122.9730,
-22.8740, -25.9940

■ 117.3480,
-28.6040, -32.2840

■ 128.5980,
-17.1440, -19.7040

■ 112.0220,
-33.7380, -38.3620

■ 133.9240,
-12.0100, -13.6260

■ 106.3970,
-39.4680, -44.6520

■ 139.5490, -6.2800,
-7.3360

■ 101.0710,
-44.6020, -50.7300

■ 144.8750, -1.1460,
-1.2580

■ 95.4460, -50.3320,
-57.0200

■ 150.5000, 4.5840,
5.0320

■ 90.9460, -54.9160,
-62.0520

■ 156.1250, 10.3140,
11.3220

■ 161.4510, 15.4480,
17.4000

■ 167.0760, 21.1780,

23.6900

■ 172.4020, 26.3120,
29.7680

Harmonies

Analogous

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



127.4080, 6.6980, -22.2780



122.9730, -22.8740, -25.9940



114.5850, -59.8280, -28.0840

Triad

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



122.9730, -22.8740, -25.9940



128.8150, -44.4750, 7.5650



134.3990, 47.5890, 13.1010

Complementary

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



122.9730, -22.8740, -25.9940



108.0270, 22.8740, 25.9940

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.



135.9440, 39.1050, 23.6890



122.9730, -22.8740, -25.9940



135.4990, -10.8700, 20.7940

Square

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



122.9730, -22.8740, -25.9940



113.8760, -81.9760, -12.1520



137.1020, 18.2890, 26.4890



133.4010, 44.1070, -0.8930

Rectangle

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



122.9730, -22.8740, -25.9940



104.3180, -89.8130, -29.8210



137.1020, 18.2890, 26.4890



134.9630, 46.1210, 17.6810

Sweetspot

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



122.9730, -22.8740, -25.9940



179.5870, -9.4430, -10.5870



133.6640, 8.8530, -22.7870



88.3750, -5.7300, -6.2900



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



122.9730, -22.8740, -25.9940



153.1850, -35.7550, -40.3550



126.3930, -32.5040, -16.6640



71.3370, -2.5670, -3.0390



85.9080, -51.7530, -58.8010



6.2120, -3.7130, -4.2970

Inverse Universe

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



108.0270, 22.8740, 25.9940



129.8150, 35.7550, 40.3550



104.6070, 32.5040, 16.6640



69.6630, 2.5670, 3.0390



52.0920, 51.7530, 58.8010



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 122.9730, -22.8740, -25.9940 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 122.9730, -22.8740, -25.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

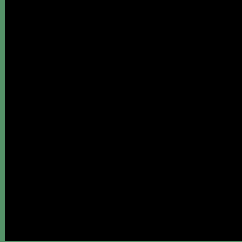
Any Text WCAG AA ✓ Pass

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 122.9730, -22.8740, -25.9940 Background



This preview shows how black text looks on a background with the YIQ color 122.9730, -22.8740, -25.9940.



This preview shows how white text looks on a background with the YIQ color 122.9730, -22.8740, -25.9940.

-25.9940.

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

122.9730, -22.8740, -25.9940

Protanopia

131.1140, 16.8740, -8.4540

Deuteranopia

132.9070, 22.1910, -0.1850



Tritanopia

128.0980, -29.7550, -5.9070

Trichromacy



Original Color

122.9730, -22.8740, -25.9940

Protanomaly

127.9980, 2.3410, -14.8990

Deuteranomaly

129.4270, 5.6870, -9.4570

Tritanomaly

126.1380, -27.2320, -13.0880

Monochromacy



Original Color

122.9730, -22.8740, -25.9940

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.7120, -8.2970, -9.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9730, -22.8740, -25.9940 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(85, 146, 104)` looks like.

```
.text, #text, p{  
    color:rgb(85, 146, 104)  
}
```

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(85, 146, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 146, 104) }
```

Border

The CSS property to change the border of an element to YIQ 122.9730, -22.8740, -25.9940 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(85, 146, 104) }
```


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

```
.border{ border-color:rgb(85, 146, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 146, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 146, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 146, 104);  
box-shadow:4px 4px 4px 4px rgb(85, 146,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9730, -22.8740, -25.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 146, 104) }
```

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

```
.background{ background-color: rgb(85, 146,  
104) }
```

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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