

Converting Colors

YIQ(132.6950, -27.9630,
-27.3790)

Have a look what the booklet for
YIQ(132.6950, -27.9630, -27.3790)
contains.

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Color

**YIQ(132.6950, -27.9630,
-27.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	599E75
RGB	89, 158, 117
RGB Percent	35%, 62%, 46%
CMY	0.6512, 0.3803, 0.5412
CMYK	0.44, 0.00, 0.26, 0.38
HSL	144°, 28%, 48%
HSV	144°, 44%, 62%
XYZ	19.5567, 27.8689, 21.1719
YIQ	132.6950, -27.9630, -27.3790

Conversions

Conversions Part 2

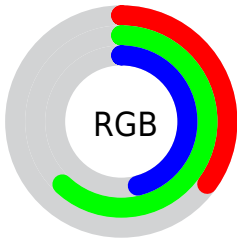
Format	Color
R_{YB}	89, 138, 158
Decimal	5873269
CIE _{Lab}	59.77, -31.41, 14.77
CIE _{LCh}	60, 34.713, 154.818
Yxy	27.8689, 0.2851, 0.4063
Android (android.graphics.Color)	4284063349 (0xFF599E75)
YUV	132.6950, -7.7376, -38.3205
Hunter-Lab	52.7910, -26.2581, 13.1754

Details

The YIQ color $132.6950, -27.9630, -27.3790$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $114.3050, 27.9630, 27.3790$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.7550, -28.1920, -28.7360$, and $80.8520, -29.8430, -26.3470$ is the 20% darker color. If you saturate the color by 10%, you get $126.8850, -34.6100, -33.5700$, and if you desaturate by 10%, it is $138.5050, -21.3160, -21.1880$.

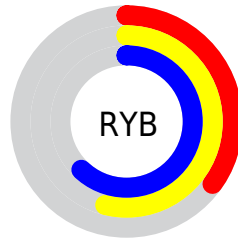
Distribution



Red (35%)

Green (62%)

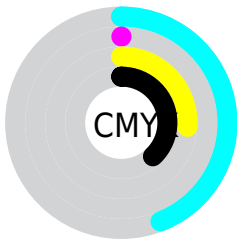
Blue (46%)



Red (35%)

Yellow (54%)

Blue (62%)

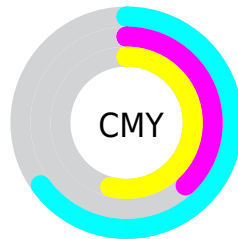


Cyan (44%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.6950, -27.9630, -27.3790 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 132.6950, -27.9630, -27.3790 by changing the saturation by 10% instead.

■ 132.6950,
-27.9630, -27.3790

■ 132.6950,
-27.9630, -27.3790

■ 255.0000, -0.0000,
-0.0000

■ 106.8090,
-28.2840, -27.0680

■ 186.7550,
-28.1920, -28.7360

■ 80.8520, -29.8430,
-26.3470

■ 215.2280,
-28.1460, -29.5700

■ 52.7910, -37.0410,
-28.0570

■ 234.4230,
-24.0210, -21.7250

■ 36.8960, -23.9750,
-22.5590

■ 246.1010,
-16.6420, -6.7700

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 132.6950,
-27.9630, -27.3790

■ 132.6950,
-27.9630, -27.3790

■ 126.8850,
-34.6100, -33.5700

■ 138.5050,
-21.3160, -21.1880

■ 120.9610,
-40.9360, -40.0720

■ 144.4290,
-14.9900, -14.6860

■ 115.4500,
-46.9870, -46.0510

■ 149.9400, -8.9390,
-8.7070

■ 109.5260,
-53.3130, -52.5530

■ 155.8640, -2.6130,
-2.2050

■ 103.7160,
-59.9600, -58.7440

■ 161.6740, 4.0340,
3.9860

■ 100.0420,
-63.9940, -62.7300

■ 167.4840, 10.6810,
10.1770

■ 173.4080, 17.0070,
16.6790

■ 178.9190, 23.0580,

22.6580

■ 184.8430, 29.3840,
29.1600

Harmonies

Analogous

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



137.7990, 4.0390, -23.6490



132.6950, -27.9630, -27.3790



123.3500, -66.4760, -28.7480

Triad

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



132.6950, -27.9630, -27.3790



140.4780, -41.9080, 10.6040



145.5410, 50.0650, 12.2810

Complementary

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



132.6950, -27.9630, -27.3790



114.3050, 27.9630, 27.3790

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.



146.7980, 42.4520, 23.6040



132.6950, -27.9630, -27.3790



146.8200, -7.3400, 22.9000

Square

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



132.6950, -27.9630, -27.3790



127.4360, -77.6210, -8.4770



147.8960, 21.8650, 27.7610



143.5320, 45.1160, -2.6600

Rectangle

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



132.6950, -27.9630, -27.3790



113.1860, -98.2490, -31.1210



147.8960, 21.8650, 27.7610



145.9910, 48.9180, 16.5500

Sweetspot

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



132.6950, -27.9630, -27.3790



197.1030, -10.9560, -10.7000



141.7620, 5.4610, -27.3950



98.7770, -6.9220, -6.7140



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.



132.6950, -27.9630, -27.3790



167.4120, -43.8240, -42.8000



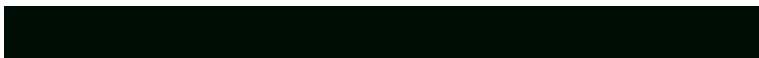
136.5710, -38.8770, -16.8050



76.0380, -3.1630, -3.2510



90.5530, -57.9430, -56.7510



9.4890, -6.0510, -5.9790

Inverse Universe

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



114.3050, 27.9630, 27.3790



138.5880, 43.8240, 42.8000



110.4290, 38.8770, 16.8050



73.9620, 3.1630, 3.2510



52.4470, 57.9430, 56.7510



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 132.6950, -27.9630, -27.3790 looks on a white background.

Color Contrast Check

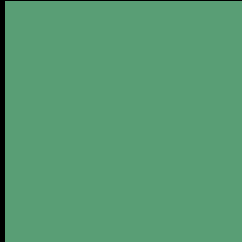
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6950, -27.9630, -27.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

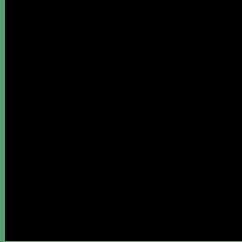
Any Text WCAG AA ✓ Pass

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 132.6950, -27.9630, -27.3790 Background



This preview shows how black text looks on a background with the YIQ color 132.6950, -27.9630, -27.3790.



This preview shows how white text looks on a background with the YIQ color 132.6950, -27.9630, -27.3790.

-27.3790.

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

132.6950, -27.9630, -27.3790

Protanopia

142.2280, 16.5530, -8.1430

Deuteranopia

144.1350, 21.5490, 0.4370



Tritanopia

137.8200, -34.8440, -7.2920

Trichromacy



Original Color

132.6950, -27.9630, -27.3790

Protanomaly

138.6280, 0.5070, -14.7010

Deuteranomaly

139.7580, 3.2570, -9.4710

Tritanomaly

135.8600, -32.3210, -14.4730

Monochromacy



Original Color

132.6950, -27.9630, -27.3790

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8150, -10.0850, -9.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.6950, -27.9630, -27.3790 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(89, 158, 117)` looks like.

```
.text, #text, p{  
    color:rgb(89, 158, 117)  
}
```

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(89, 158, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 158, 117) }
```

Border

The CSS property to change the border of an element to YIQ 132.6950, -27.9630, -27.3790 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(89, 158, 117) }
```


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

```
.border{ border-color:rgb(89, 158, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 158, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 158, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 158, 117);  
box-shadow:4px 4px 4px 4px rgb(89, 158,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 132.6950, -27.9630, -27.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 158, 117) }
```

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

```
.background{ background-color: rgb(89, 158,  
117) }
```

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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