

Converting Colors

YIQ(99.6120, -72.4850,
-13.4530)

Have a look what the booklet for
YIQ(99.6120, -72.4850, -13.4530)
contains.

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Color

**YIQ(99.6120, -72.4850,
-13.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	16809D
RGB	22, 128, 157
RGB Percent	9%, 50%, 62%
CMY	0.9139, 0.4979, 0.3846
CMYK	0.86, 0.18, 0.00, 0.38
HSL	193°, 75%, 35%
HSV	193°, 86%, 62%
XYZ	14.1336, 18.0515, 34.6023
YIQ	99.6120, -72.4850, -13.4530

Conversions

Conversions Part 2

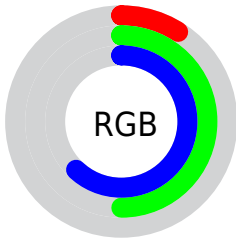
Format	Color
R _Y B	22, 81, 157
Decimal	1474717
CIE Lab	49.56, -17.68, -23.45
CIE LCh	50, 29.371, 232.980
Yxy	18.0515, 0.2116, 0.2703
Android (android.graphics.Color)	4279664797 (0xFF16809D)
YUV	99.6120, 28.2923, -68.0657
Hunter-Lab	42.4871, -14.9731, -18.5459

Details

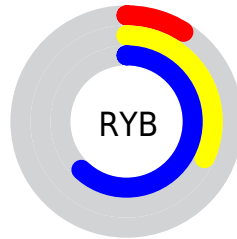
The YIQ color **99.6120, -72.4850, -13.4530** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **79.3880, 72.4850, 13.4530**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2220, -62.3990, -9.0150**, and **58.4570, -55.7510, -8.3510** is the 20% darker color. If you saturate the color by 10%, you get **93.0670, -81.1960, -15.2760**, and if you desaturate by 10%, it is **106.1570, -63.7740, -11.6300**.

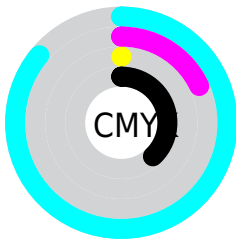
Distribution



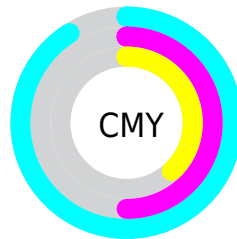
- Red (9%)
- Green (50%)
- Blue (62%)



- Red (9%)
- Yellow (32%)
- Blue (62%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6120, -72.4850, -13.4530 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 99.6120, -72.4850, -13.4530 by changing the saturation by 10% instead.

■ 99.6120, -72.4850,
-13.4530

■ 99.6120, -72.4850,
-13.4530

■ 255.0000, -0.0000,
-0.0000

■ 75.3950, -70.3760,
-13.1280

■ 158.2220,
-62.3990, -9.0150

■ 58.4570, -55.7510,
-8.3510

■ 186.8200,
-61.2070, -8.5910

■ 42.1060, -41.4010,
-4.0970

■ 213.6370,
-56.4380, -12.4220

■ 26.5700, -27.9680,
0.2560

■ 232.8740,
-44.1040, -15.6880

■ 5.3920, -12.4270,
10.4610

■ 241.8440,
-26.2240, -9.3280

■ 2.0690, -4.4480,
3.5200

■ 250.5150, -8.9400,

■ 0.0000, 0.0000,

-3.1800

0.0000

■ 99.6120, -72.4850,
-13.4530

■ 99.6120, -72.4850,
-13.4530

■ 93.0670, -81.1960,
-15.2760

■ 106.1570,
-63.7740, -11.6300

■ 90.0990, -84.2220,
-15.5020

■ 112.9900,
-55.9340, -10.5420

■ 119.5350,
-47.2230, -8.7190

■ 126.0800,
-38.5120, -6.8960

■ 132.9130,
-30.6720, -5.8080

■ 139.4580,
-21.9610, -3.9850

■ 146.5900,
-13.5250, -2.6850

■ 152.8360, -5.4100,
-1.0740

■ 159.3810, 3.3010,
0.7490

Harmonies

Analogous

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



95.0920, -74.3170, -24.3090



99.6120, -72.4850, -13.4530



111.8810, -44.8410, 3.1830

Triad

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



99.6120, -72.4850, -13.4530



120.8010, 29.2020, 21.4420



114.0930, 12.1990, -17.3450

Complementary

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



99.6120, -72.4850, -13.4530



79.3880, 72.4850, 13.4530

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.



116.2310, 29.6660, -9.0060



99.6120, -72.4850, -13.4530



119.1470, 39.6110, 14.5150

Square

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



99.6120, -72.4850, -13.4530



121.5630, 9.4410, 21.6410



118.4700, 39.6590, 2.6270



110.7680, -11.8710, -21.6550

Rectangle

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



99.6120, -72.4850, -13.4530



117.2040, -26.4570, 11.4230



118.4700, 39.6590, 2.6270



114.9690, 18.4800, -15.5360

Sweetspot

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



99.6120, -72.4850, -13.4530



181.6960, -28.5630, -5.4830



104.3230, -45.7920, -62.2080



88.3230, -17.1470, -3.1230



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



99.6120, -72.4850, -13.4530



117.1760, -109.4840, -20.2360



60.8700, -54.3350, 21.0650



75.4340, -4.2180, -0.6500



82.0460, -76.7030, -14.1030



8.7540, -8.1150, -1.6110

Inverse Universe

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



74.4490, 46.4340, 61.5860



79.2360, 70.2240, 93.0080



117.5430, 54.6100, -20.5420



74.0760, 2.8420, 3.5620



55.5250, 49.2760, 65.1480



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 99.6120, -72.4850, -13.4530 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 99.6120, -72.4850, -13.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

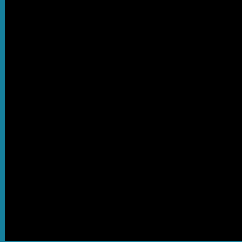
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.6120, -72.4850, -13.4530

Background



This preview shows how black text looks on a background with the YIQ color 99.6120, -72.4850, -13.4530.



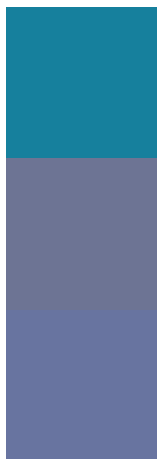
This preview shows how white text looks on a background with the YIQ color 99.6120, -72.4850,

-13.4530.

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

99.6120, -72.4850, -13.4530

Protanopia

117.5550, -14.4440, 8.4680

Deuteranopia

117.4280, -21.2760, 11.1400



Tritanopia

92.3840, -81.0110, -24.1390

Trichromacy



Original Color

99.6120, -72.4850, -13.4530

Protanomaly

110.6770, -35.5790, 0.5250

Deuteranomaly

110.6920, -39.9350, 2.3770

Tritanomaly

94.8730, -77.8940, -20.0540

Monochromacy



Original Color

99.6120, -72.4850, -13.4530

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8920, -26.1790, -4.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6120, -72.4850, -13.4530 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(22, 128, 157)` looks like.

```
.text, #text, p{  
    color:rgb(22, 128, 157)  
}
```

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(22, 128, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 128, 157) }
```

Border

The CSS property to change the border of an element to YIQ 99.6120, -72.4850, -13.4530 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(22, 128, 157) }
```


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

```
.border{ border-color:rgb(22, 128, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 128, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 128, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 128, 157);  
box-shadow:4px 4px 4px 4px rgb(22, 128,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6120, -72.4850, -13.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 128, 157) }
```

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

```
.background{ background-color: rgb(22, 128,  
157) }
```

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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