

Converting Colors

YIQ(121.1280, 13.1180,
-28.4980)

Have a look what the booklet for
YIQ(121.1280, 13.1180, -28.4980)
contains.

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Color

**YIQ(121.1280, 13.1180,
-28.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	74883A
RGB	116, 136, 58
RGB Percent	45%, 53%, 23%
CMY	0.5452, 0.4666, 0.7724
CMYK	0.15, 0.00, 0.57, 0.47
HSL	75°, 40%, 38%
HSV	75°, 57%, 53%
XYZ	16.7690, 21.6277, 7.2976
YIQ	121.1280, 13.1180, -28.4980

Conversions

Conversions Part 2

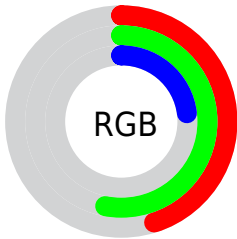
Format	Color
RYB	58, 136, 78
Decimal	7637050
CIELab	53.63, -19.70, 38.81
CIElCh	54, 43.524, 116.908
Yxy	21.6277, 0.3670, 0.4733
Android (android.graphics.Color)	4285827130 (0xFF74883A)
YUV	121.1280, -31.1221, -4.4973
Hunter-Lab	46.5056, -17.0214, 23.2503

Details

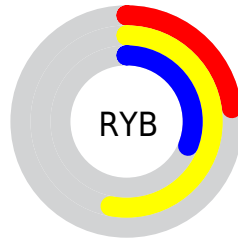
The YIQ color **121.1280, 13.1180, -28.4980** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **72.8720, -13.1180, 28.4980**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0850, 14.6770, -29.2190**, and **70.6010, 13.1640, -29.3320** is the 20% darker color. If you saturate the color by 10%, you get **118.3360, 15.2280, -33.7000**, and if you desaturate by 10%, it is **123.6210, 10.4120, -23.5080**.

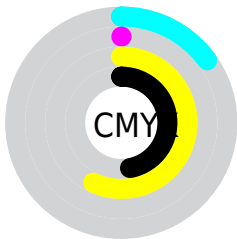
Distribution



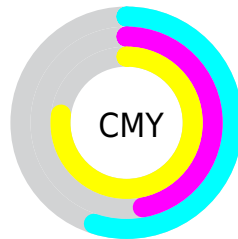
- Red (45%)
- Green (53%)
- Blue (23%)



- Red (23%)
- Yellow (53%)
- Blue (31%)



- Cyan (15%)
- Magenta (0%)
- Yellow (57%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1280, 13.1180, -28.4980 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 121.1280, 13.1180, -28.4980 by changing the saturation by 10% instead.

121.1280, 13.1180,
-28.4980

121.1280, 13.1180,
-28.4980

255.0000, -0.0000,
-0.0000

95.9430, 12.2010,
-28.3990

174.0850, 14.6770,
-29.2190

70.6010, 13.1640,
-29.3320

201.8570, 15.3190,
-29.8410

49.5390, 7.7070,
-24.0450

230.3300, 15.3650,
-30.6750

29.1500, -1.1430,
-17.8390

247.3620, 21.5070,
-20.8370

12.3270, -5.7750,
-10.9830

250.5540, 12.5190,
-12.1290

0.0000, 0.0000,
0.0000

253.8600, 3.2100,

-3.1100

■ 121.1280, 13.1180,
-28.4980

■ 121.1280, 13.1180,
-28.4980

■ 118.3360, 15.2280,
-33.7000

■ 123.6210, 10.4120,
-23.5080

■ 115.9570, 17.6130,
-38.3790

■ 126.2990, 8.6230,
-18.6170

■ 113.1650, 19.7230,
-43.5810

■ 128.7920, 5.9170,
-13.6270

■ 110.7860, 22.1080,
-48.2600

■ 131.4700, 4.1280,
-8.7360

■ 110.0310, 22.7960,
-49.7160

■ 133.9630, 1.4220,
-3.7460

■ 136.7550, -0.6880,
1.4560

■ 139.1340, -3.0730,
6.1350

■ 141.9260, -5.1830,
11.3370

■ 144.3050, -7.5680,
16.0160

Harmonies

Analogous

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



124.8220, 40.7630, -17.3890



121.1280, 13.1180, -28.4980



114.0770, -26.4030, -33.6270

Triad

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



121.1280, 13.1180, -28.4980



105.0140, -100.0400, -15.1760



129.6340, 46.2100, 32.5940

Complementary

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



121.1280, 13.1180, -28.4980



72.8720, -13.1180, 28.4980

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.



132.1440, 18.4710, 34.2070



121.1280, 13.1180, -28.4980



113.1730, -77.8980, 2.0540

Square

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



121.1280, 13.1180, -28.4980



104.6430, -92.1060, -26.8100



129.7460, -21.6910, 24.1730



127.9600, 59.3710, 19.8430

Rectangle

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



121.1280, 13.1180, -28.4980



98.2420, -75.4600, -42.1480



129.7460, -21.6910, 24.1730



130.6810, 38.8280, 34.2200

Sweetspot

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



121.1280, 13.1180, -28.4980



170.1880, 4.8620, -11.0260



93.0620, 40.9880, 6.0760



85.7520, 3.3940, -6.4460



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



121.1280, 13.1180, -28.4980



152.9370, 20.3650, -44.2030



109.7660, -9.5300, -36.5540



67.6040, 1.0550, -2.6010



107.6720, 22.4290, -48.5710



4.1310, 1.0090, -1.7670

Inverse Universe

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



72.8720, -13.1180, 28.4980



78.0630, -20.3650, 44.2030



84.5330, 10.1260, 36.7660



63.3960, -1.0550, 2.6010



25.3280, -22.4290, 48.5710



0.8690, -1.0090, 1.7670

Previews

White Background



This preview shows how the YIQ color 121.1280, 13.1180, -28.4980 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 121.1280, 13.1180, -28.4980 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 121.1280, 13.1180, -28.4980

Background



This preview shows how black text looks on a background with the YIQ color 121.1280, 13.1180, -28.4980.



This preview shows how white text looks on a background with the YIQ color 121.1280, 13.1180,

-28.4980.

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

121.1280, 13.1180, -28.4980

Protanopia

123.9780, 31.4560, -19.4240

Deuteranopia

125.9240, 40.7160, -11.0280



Tritanopia

128.2430, -4.9980, 2.4740

Trichromacy



Original Color

121.1280, 13.1180, -28.4980

Protanomaly

123.1620, 24.9460, -22.5900

Deuteranomaly

124.2600, 30.7220, -17.1340

Tritanomaly

125.8010, 1.6980, -8.7500

Monochromacy



Original Color

121.1280, 13.1180, -28.4980

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7150, 4.8160, -10.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1280, 13.1180, -28.4980 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(116, 136, 58)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 58)  
}
```

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(116, 136, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 58) }
```

Border

The CSS property to change the border of an element to YIQ 121.1280, 13.1180, -28.4980 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(116, 136, 58) }
```


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

```
.border{ border-color:rgb(116, 136, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 136, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 58);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1280, 13.1180, -28.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 58) }
```

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

```
.background{ background-color: rgb(116,  
136, 58) }
```

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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