

Converting Colors

YIQ(96.4260, -10.9080,
-22.5880)

Have a look what the booklet for
YIQ(96.4260, -10.9080, -22.5880)
contains.

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Color

**YIQ(96.4260, -10.9080,
-22.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	487246
RGB	72, 114, 70
RGB Percent	28%, 45%, 27%
CMY	0.7178, 0.5529, 0.7255
CMYK	0.37, 0.00, 0.39, 0.55
HSL	117°, 24%, 36%
HSV	117°, 39%, 45%
XYZ	9.7948, 13.8572, 7.9524
YIQ	96.4260, -10.9080, -22.5880

Conversions

Conversions Part 2

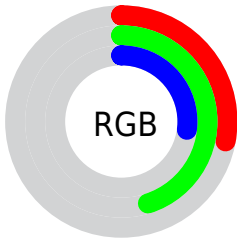
Format	Color
R_{YB}	70, 114, 112
Decimal	4747846
CIE _{Lab}	44.03, -24.32, 19.89
CIE _{LCh}	44, 31.423, 140.718
Yxy	13.8572, 0.3099, 0.4385
Android (android.graphics.Color)	4282937926 (0xFF487246)
YUV	96.4260, -13.0280, -21.4216
Hunter-Lab	37.2253, -18.1771, 13.3916

Details

The YIQ color **96.4260, -10.9080, -22.5880** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **87.5740, 10.9080, 22.5880**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4860, -11.1370, -23.9450**, and **48.8820, -12.1920, -21.3440** is the 20% darker color. If you saturate the color by 10%, you get **91.8830, -13.9330, -28.3410**, and if you desaturate by 10%, it is **100.9690, -7.8830, -16.8350**.

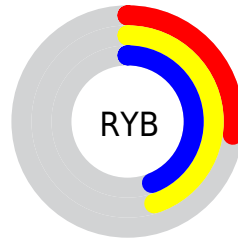
Distribution



Red (28%)

Green (45%)

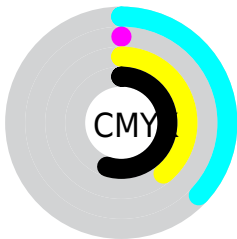
Blue (27%)



Red (27%)

Yellow (45%)

Blue (44%)

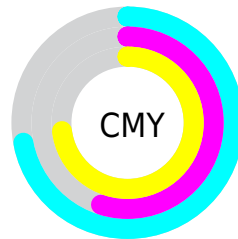


Cyan (37%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.4260, -10.9080, -22.5880 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 96.4260, -10.9080, -22.5880 by changing the saturation by 10% instead.

■ 96.4260, -10.9080,
-22.5880

■ 96.4260, -10.9080,
-22.5880

■ 255.0000, -0.0000,
-0.0000

■ 71.9530, -10.9540,
-21.7540

■ 147.4860,
-11.1370, -23.9450

■ 48.8820, -12.1920,
-21.3440

■ 174.3720,
-10.8160, -24.2560

■ 25.5400, -11.2290,
-22.2770

■ 201.8450,
-10.7700, -25.0900

■ 13.5010, -6.3250,
-12.0290

■ 230.1330,
-11.6410, -25.8250

■ 0.0000, 0.0000,
0.0000

■ 244.9310, -4.7200,
-13.5840

■ 96.4260, -10.9080,
-22.5880

■ 96.4260, -10.9080,
-22.5880

■ 91.8830, -13.9330,
-28.3410

■ 100.9690, -7.8830,
-16.8350

■ 87.2260, -16.6370,
-34.4050

■ 105.6260, -5.1790,
-10.7710

■ 82.6830, -19.6620,
-40.1580

■ 110.1690, -2.1540,
-5.0180

■ 78.0260, -22.3660,
-46.2220

■ 114.8260, 0.5500,
1.0460

■ 73.7820, -24.7950,
-51.7630

■ 119.0700, 2.9790,
6.5870

■ 69.2390, -27.8200,
-57.5160

■ 123.6130, 6.0040,
12.3400

■ 68.4130, -28.3700,
-58.5620

■ 128.2700, 8.7080,
18.4040

■ 132.8130, 11.7330,

24.1570

■ 137.4700, 14.4370,
30.2210

Harmonies

Analogous

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



100.0500, 13.7580, -18.0660



96.4260, -10.9080, -22.5880



88.4790, -44.7900, -25.2860

Triad

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



96.4260, -10.9080, -22.5880



94.5100, -54.1020, 0.3140



105.2720, 40.7570, 15.7730

Complementary

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



96.4260, -10.9080, -22.5880



87.5740, 10.9080, 22.5880

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.



106.7410, 29.4310, 22.7990



96.4260, -10.9080, -22.5880



104.2480, -20.5890, 15.2110

Square

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



96.4260, -10.9080, -22.5880



83.9210, -77.8490, -15.3610



107.6060, 7.8820, 22.3620



103.8940, 41.4010, 4.0970

Rectangle

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



96.4260, -10.9080, -22.5880



82.1480, -68.7230, -26.5710



107.6060, 7.8820, 22.3620



105.7110, 38.1430, 19.0950

Sweetspot

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



96.4260, -10.9080, -22.5880



140.8650, -4.3540, -9.2020



107.8100, 14.6740, -12.6380



69.8700, -2.7500, -5.2300



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.



96.4260, -10.9080, -22.5880



120.8130, -16.9120, -34.9280



98.1080, -18.5200, -16.7920



53.8210, -1.0540, -2.9260



71.9350, -30.0200, -61.7000



148.2780, -61.3690, -126.8490

Inverse Universe

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



87.5740, 10.9080, 22.5880



107.1870, 16.9120, 34.9280



85.8920, 18.5200, 16.7920



52.4780, 1.6500, 3.1380



47.7660, 29.4240, 61.4880



98.7220, 61.3690, 126.8490

Previews

White Background



This preview shows how the YIQ color 96.4260, -10.9080, -22.5880 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 96.4260, -10.9080, -22.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

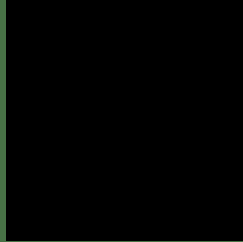
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.4260, -10.9080, -22.5880

Background



This preview shows how black text looks on a background with the YIQ color 96.4260, -10.9080, -22.5880.



This preview shows how white text looks on a background with the YIQ color 96.4260, -10.9080,

-22.5880.

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

96.4260, -10.9080, -22.5880

Protanopia

102.3590, 17.5620, -9.9100

Deuteranopia

103.2120, 22.6500, -2.9980



Tritanopia

100.9530, -18.9810, -2.9250

Trichromacy



Original Color

96.4260, -10.9080, -22.5880

Protanomaly

100.3360, 7.2010, -14.8710

Deuteranomaly

100.3520, 10.2720, -9.9520

Tritanomaly

99.2920, -15.8620, -9.8940

Monochromacy



Original Color

96.4260, -10.9080, -22.5880

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.3920, -4.4000, -8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.4260, -10.9080, -22.5880 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(72, 114, 70)` looks like.

```
.text, #text, p{  
    color:rgb(72, 114, 70)  
}
```

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(72, 114, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 114, 70) }
```

Border

The CSS property to change the border of an element to YIQ 96.4260, -10.9080, -22.5880 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(72, 114, 70) }
```


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

```
.border{ border-color:rgb(72, 114, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 114, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 114, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 114, 70);  
box-shadow:4px 4px 4px 4px rgb(72, 114,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 96.4260, -10.9080, -22.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 114, 70) }
```

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

```
.background{ background-color: rgb(72, 114,  
70) }
```

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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