

Converting Colors

YIQ(127.3200, 22.4660, 0.3380)

Have a look what the booklet for
YIQ(127.3200, 22.4660, 0.3380)
contains.

YIQ(127.3200, 22.4660, 0.3380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.3200, 22.4660,
0.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	957967
RGB	149, 121, 103
RGB Percent	58%, 47%, 40%
CMY	0.4156, 0.5255, 0.5960
CMYK	0.00, 0.19, 0.31, 0.42
HSL	23°, 18%, 49%
HSV	23°, 31%, 58%
XYZ	21.6824, 21.0426, 15.7577
YIQ	127.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

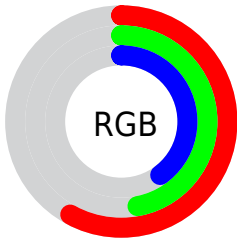
Format	Color
RYB	149, 133, 103
Decimal	9795943
CIELab	53.00, 8.11, 13.95
CIElCh	53, 16.142, 59.823
Yxy	21.0426, 0.3707, 0.3598
Android (android.graphics.Color)	4287986023 (0xFF957967)
YUV	127.3200, -11.9898, 19.0134
Hunter-Lab	45.8722, 4.0955, 11.7436

Details

The YIQ color $127.3200, 22.4660, 0.3380$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $124.6800, -22.4660, -0.3380$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.1030, 24.5750, 0.6630$, and $77.6510, 20.0360, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $120.3270, 29.7560, 0.3800$, and if you desaturate by 10%, it is $134.3130, 15.1760, 0.2960$.

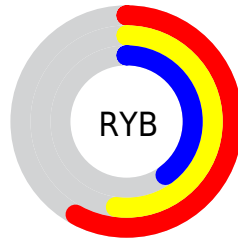
Distribution



Red (58%)

Green (47%)

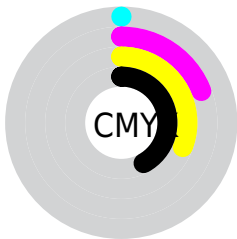
Blue (40%)



Red (58%)

Yellow (52%)

Blue (40%)

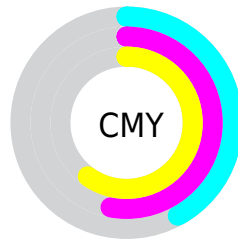


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3200, 22.4660, 0.3380 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 127.3200, 22.4660, 0.3380 by changing the saturation by 10% instead.

■ 127.3200, 22.4660,
0.3380

■ 127.3200, 22.4660,
0.3380

■ 255.0000, -0.0000,
-0.0000

■ 102.1350, 21.5490,
0.4370

■ 180.1030, 24.5750,
0.6630

■ 77.6510, 20.0360,
0.3240

■ 207.9890, 24.8960,
0.3520

■ 55.0530, 18.8440,
-0.1000

■ 234.4940, 21.9160,
-0.7080

■ 33.1560, 17.0560,
-0.7360

■ 252.9480, 5.7780,
-5.5980

■ 10.7200, 15.5880,
3.8440

■ 0.0000, 0.0000,
0.0000

■ 127.3200, 22.4660,
0.3380

■ 127.3200, 22.4660,
0.3380

■ 120.3270, 29.7560,
0.3800

■ 134.3130, 15.1760,
0.2960

■ 113.3340, 37.0460,
0.4220

■ 141.3060, 7.8860,
0.2540

■ 106.3410, 44.3360,
0.4640

■ 148.2990, 0.5960,
0.2120

■ 99.3480, 51.6260,
0.5060

■ 155.2920, -6.6940,
0.1700

■ 92.4690, 58.5950,
0.8590

■ 162.2850,
-13.9840, 0.1280

■ 85.4760, 65.8850,
0.9010

■ 169.1640,
-20.9530, -0.2250

■ 78.5970, 72.8540,
1.2540

■ 176.7440,
-28.5180, -0.7900

■ 183.7370,

-35.8080, -0.8320

■ 190.7300,
-43.0980, -0.8740

Harmonies

Analogous

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



128.4930, 23.6570, 6.2890



127.3200, 22.4660, 0.3380



126.2110, 15.2230, -6.0650

Triad

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



127.3200, 22.4660, 0.3380



120.8290, -21.8680, -11.1800



127.9860, -5.4120, 9.9800

Complementary

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



127.3200, 22.4660, 0.3380



124.6800, -22.4660, -0.3380

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.



125.5820, -19.0740, 4.2700



127.3200, 22.4660, 0.3380



120.9300, -29.3420, -7.8860

Square

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



127.3200, 22.4660, 0.3380



122.5330, -9.3510, -12.2550



122.9890, -27.8300, -2.2460



128.9830, 7.8380, 12.1420

Rectangle

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



127.3200, 22.4660, 0.3380



125.0960, 8.1170, -9.4430



122.9890, -27.8300, -2.2460



127.4800, -9.8590, 7.9730

Sweetspot

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



127.3200, 22.4660, 0.3380



185.4910, 8.8030, 0.1550



119.9460, 18.4280, 18.4600



91.6370, 5.4560, 0.2400



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



127.3200, 22.4660, 0.3380



159.9640, 35.2120, 0.6200



140.8210, 16.1410, -11.6910



70.2670, 3.6220, 0.4380



72.9600, 67.3980, 1.0140



5.3380, 4.8600, 0.0280

Inverse Universe

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



124.6800, -22.4660, -0.3380



156.0360, -35.2120, -0.6200



111.1790, -16.1410, 11.6910



70.1460, -3.3470, 0.0850



65.0400, -67.3980, -1.0140



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 127.3200, 22.4660, 0.3380 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 127.3200, 22.4660, 0.3380 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 127.3200, 22.4660, 0.3380

Background



This preview shows how black text looks on a background with the YIQ color 127.3200, 22.4660, 0.3380.



This preview shows how white text looks on a background with the YIQ color 127.3200, 22.4660,

0.3380.

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

127.3200, 22.4660, 0.3380

Protanopia

126.1120, 11.1880, -4.5240

Deuteranopia

127.3090, 20.9990, -0.6090



Tritanopia

129.1920, 17.3750, 10.0070

Trichromacy



Original Color

127.3200, 22.4660, 0.3380

Protanomaly

126.3190, 15.0390, -2.7290

Deuteranomaly

127.6080, 21.5950, -0.3970

Tritanomaly

128.4540, 19.3930, 6.4730

Monochromacy



Original Color

127.3200, 22.4660, 0.3380

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1920, 8.2070, -0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3200, 22.4660, 0.3380 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(149, 121, 103)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 103)  
}
```

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(149, 121, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 103) }
```

Border

The CSS property to change the border of an element to YIQ 127.3200, 22.4660, 0.3380 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(149, 121, 103) }
```


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

```
.border{ border-color:rgb(149, 121, 103) }
```

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

Here you see how a box with a 4 pixel rgb(149, 121, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 103);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3200, 22.4660, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 103) }
```

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

```
.background{ background-color: rgb(149,  
121, 103) }
```

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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