

Converting Colors

YIQ(177.5960, 39.0640, -3.1120)

Have a look what the booklet for
YIQ(177.5960, 39.0640, -3.1120)
contains.

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Color

**YIQ(177.5960, 39.0640,
-3.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A981
RGB	213, 169, 129
RGB Percent	84%, 66%, 51%
CMY	0.1646, 0.3373, 0.4939
CMYK	0.00, 0.21, 0.39, 0.16
HSL	29°, 50%, 67%
HSV	29°, 39%, 84%
XYZ	45.5966, 44.1044, 26.8952
YIQ	177.5960, 39.0640, -3.1120

Conversions

Conversions Part 2

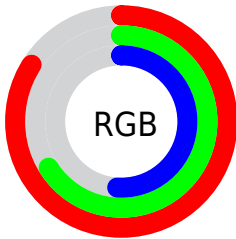
Format	Color
RYB	213, 205, 129
Decimal	14002561
CIELab	72.30, 10.82, 26.75
CIELCh	72, 28.855, 67.984
Yxy	44.1044, 0.3911, 0.3783
Android (android.graphics.Color)	4292192641 (0xFFD5A981)
YUV	177.5960, -23.9578, 31.0493
Hunter-Lab	66.4112, 6.3350, 22.4765

Details

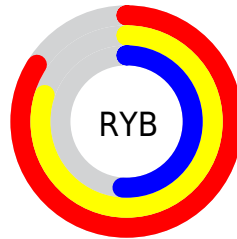
The YIQ color **177.5960, 39.0640, -3.1120** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **164.4040, -39.0640, 3.1120**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.4810, 31.9580, -6.4900**, and **124.6280, 36.0380, -3.3380** is the 20% darker color. If you saturate the color by 10%, you get **168.7450, 48.8300, -3.8900**, and if you desaturate by 10%, it is **186.4470, 29.2980, -2.3340**.

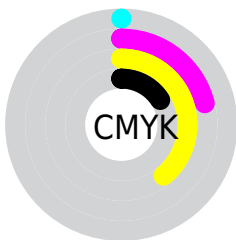
Distribution



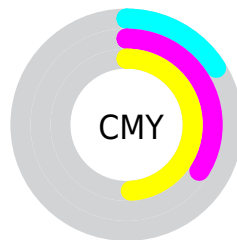
- Red (84%)
- Green (66%)
- Blue (51%)



- Red (84%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.5960, 39.0640, -3.1120 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 177.5960, 39.0640, -3.1120 by changing the saturation by 10% instead.

■ 177.5960, 39.0640,
-3.1120

■ 177.5960, 39.0640,
-3.1120

255.0000, -0.0000,
-0.0000

■ 151.1120, 37.5510,
-3.2250

■ 228.4810, 31.9580,
-6.4900

■ 124.6280, 36.0380,
-3.3380

■ 248.6960, 14.9950,
-12.9490

■ 98.9590, 33.6080,
-3.3520

■ 253.0620, 5.4570,
-5.2870

■ 75.1760, 31.4990,
-3.6770

■ 51.3930, 29.3900,
-4.0020

■ 30.5220, 24.7130,
-1.8390

■ 8.6710, 17.2840,

6.1480

■ 0.0000, 0.0000,
0.0000

■ 177.5960, 39.0640,
-3.1120

■ 177.5960, 39.0640,
-3.1120

■ 168.7450, 48.8300,
-3.8900

■ 186.4470, 29.2980,
-2.3340

■ 159.7800, 58.9170,
-4.9790

■ 195.4120, 19.2110,
-1.2450

■ 150.3420, 68.9580,
-5.2340

■ 204.2630, 9.4450,
-0.4670

■ 141.4910, 78.7240,
-6.0120

■ 213.7010, -0.5960,
-0.2120

■ 132.6400, 88.4900,
-6.7900

■ 222.6660,
-10.6830, 0.8770

■ 123.6750, 98.5770,
-7.8790

■ 231.2890,
-19.8070, 1.0330

■ 122.9740, 99.1730,
-7.6670

■ 237.7460,
-22.8320, -4.7200

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



179.3230, 44.7470, 9.5390



177.5960, 39.0640, -3.1120



175.2470, 23.5690, -14.1510

Triad

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



177.5960, 39.0640, -3.1120



164.7760, -49.8800, -21.1440



180.3920, -3.2590, 20.5250

Complementary

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



177.5960, 39.0640, -3.1120



164.4040, -39.0640, 3.1120

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.



176.0510, -30.4000, 11.2960



177.5960, 39.0640, -3.1120



164.0600, -62.1230, -14.0190

Square

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



177.5960, 39.0640, -3.1120



168.2980, -25.1670, -22.9830



169.2280, -53.3680, -1.9760



181.3750, 21.7740, 23.9020

Rectangle

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



177.5960, 39.0640, -3.1120



173.0710, 9.2650, -19.2390



169.2280, -53.3680, -1.9760



179.4340, -12.2450, 18.1790

Sweetspot

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



177.5960, 39.0640, -3.1120



242.0740, 14.3510, -1.2730



159.2460, 35.6190, 31.8030



120.0780, 8.5280, -0.3680



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



177.5960, 39.0640, -3.1120



204.3390, 55.8450, -4.3710



201.6630, 27.7890, -24.5550



102.2240, 5.1810, -0.2830



98.6760, 79.6410, -6.1110



25.1840, 19.8530, -1.8670

Inverse Universe

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



164.4040, -39.0640, 3.1120



185.6610, -55.8450, 4.3710



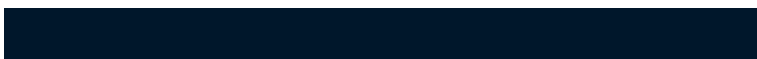
140.3370, -27.7890, 24.5550



100.7760, -5.1810, 0.2830



72.3240, -79.6410, 6.1110



18.4030, -20.1280, 1.3440

Previews

White Background



This preview shows how the YIQ color 177.5960, 39.0640, -3.1120 looks on a white background.

Color Contrast Check

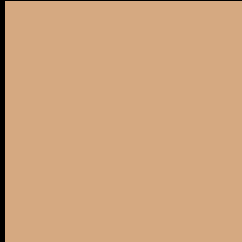
Large Text (above 18pt) WCAG AA × Fail

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 177.5960, 39.0640, -3.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

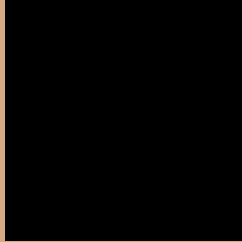
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.5960, 39.0640, -3.1120

Background



This preview shows how black text looks on a background with the YIQ color 177.5960, 39.0640, -3.1120.



This preview shows how white text looks on a background with the YIQ color 177.5960, 39.0640,

-3.1120.

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

177.5960, 39.0640, -3.1120

Protanopia

175.8710, 21.8720, -10.9280

Deuteranopia

177.2860, 37.0010, -4.2710



Tritanopia

180.8130, 28.9280, 15.3920

Trichromacy



Original Color

177.5960, 39.0640, -3.1120

Protanomaly

176.3880, 27.7860, -7.9740

Deuteranomaly

177.5850, 37.5970, -4.0590

Tritanomaly

179.4510, 32.6430, 8.6350

Monochromacy



Original Color

177.5960, 39.0640, -3.1120

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0740, 14.3510, -1.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.5960, 39.0640, -3.1120 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(213, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 169, 129)  
}
```

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(213, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 169, 129) }
```

Border

The CSS property to change the border of an element to YIQ 177.5960, 39.0640, -3.1120 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(213, 169, 129) }
```


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

```
.border{ border-color:rgb(213, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 169, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 169, 129); box-shadow:4px 4px 4px 4px rgb(213, 169, 129) }
```

Background

The CSS property to change the background color of an element to YIQ 177.5960, 39.0640, -3.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 169, 129) }
```

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

```
.background{ background-color: rgb(213,  
169, 129) }
```

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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