

Converting Colors

YIQ(122.9210, 61.9930,
-27.6950)

Have a look what the booklet for
YIQ(122.9210, 61.9930, -27.6950)
contains.

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Color

**YIQ(122.9210, 61.9930,
-27.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	A57C07
RGB	165, 124, 7
RGB Percent	65%, 49%, 3%
CMY	0.3529, 0.5138, 0.9722
CMYK	0.00, 0.25, 0.96, 0.35
HSL	44°, 92%, 34%
HSV	44°, 96%, 65%
XYZ	22.7626, 22.4264, 3.3325
YIQ	122.9210, 61.9930, -27.6950

Conversions

Conversions Part 2

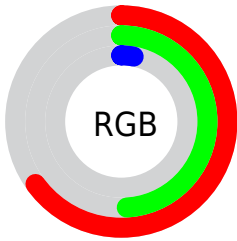
Format	Color
R_{YB}	62, 165, 7
Decimal	10845191
CIE _{Lab}	54.48, 6.72, 58.95
CIE _{LCh}	54, 59.333, 83.493
Y _{xy}	22.4264, 0.4691, 0.4622
Android (android.graphics.Color)	4289035271 (0xFFA57C07)
YUV	122.9210, -57.1491, 36.9033
Hunter-Lab	47.3566, 2.9247, 28.9773

Details

The YIQ color **122.9210, 61.9930, -27.6950** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **49.0790, -61.9930, 27.6950**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.2680, 62.6340, -22.7900**, and **76.9040, 43.4680, -16.8520** is the 20% darker color. If you saturate the color by 10%, you get **120.9490, 64.7900, -28.8260**, and if you desaturate by 10%, it is **127.2070, 55.4360, -24.5000**.

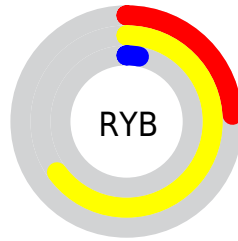
Distribution



Red (65%)

Green (49%)

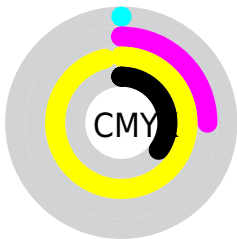
Blue (3%)



Red (24%)

Yellow (65%)

Blue (3%)

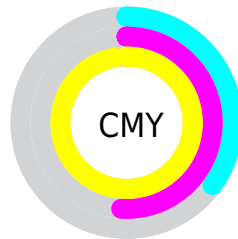


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9210, 61.9930, -27.6950 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 122.9210, 61.9930, -27.6950 by changing the saturation by 10% instead.

122.9210, 61.9930,
-27.6950

122.9210, 61.9930,
-27.6950

255.0000, -0.0000,
-0.0000

98.7770, 53.8310,
-22.9450

178.2680, 62.6340,
-22.7900

76.9040, 43.4680,
-16.8520

206.9370, 65.0640,
-22.7760

55.3300, 33.7010,
-10.5470

226.4510, 48.6970,
-29.0230

34.9300, 23.3840,
-5.2880

243.0300, 33.7050,
-32.6550

14.8400, 15.1300,
1.1300

246.2220, 24.7170,
-23.9470

0.0000, 0.0000,
0.0000

249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,
-6.2200

■ 122.9210, 61.9930,
-27.6950

■ 122.9210, 61.9930,
-27.6950

■ 120.9490, 64.7900,
-28.8260

■ 127.2070, 55.4360,
-24.5000

■ 131.9660, 48.9250,
-22.1390

■ 136.2520, 42.3680,
-18.9440

■ 140.4240, 36.1320,
-16.0600

■ 144.7100, 29.5750,
-12.8650

■ 149.4690, 23.0640,
-10.5040

■ 153.7550, 16.5070,
-7.3090

■ 157.9270, 10.2710,
-4.4250

■ 162.8000, 3.4390,
-1.7530

Harmonies

Analogous

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



126.2170, 76.9800, 3.5720



122.9210, 61.9930, -27.6950



119.4430, 24.8120, -42.1960

Triad

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



122.9210, 61.9930, -27.6950



109.7780, -96.9200, -27.6720



133.5330, 19.2940, 46.8300

Complementary

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



122.9210, 61.9930, -27.6950



49.0790, -61.9930, 27.6950

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.



128.9690, -41.1320, 29.5880



122.9210, 61.9930, -27.6950



112.2180, -109.3020, -12.5180

Square

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



122.9210, 61.9930, -27.6950



103.7360, -79.9070, -44.1550



108.6280, -112.9720, -1.0680



127.9600, 60.5120, 48.7360

Rectangle

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



122.9210, 61.9930, -27.6950



113.8270, -11.5000, -44.9080



108.6280, -112.9720, -1.0680



134.0300, 1.5970, 42.6610

Sweetspot

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



122.9210, 61.9930, -27.6950



197.5400, 24.3020, -10.9140



59.0300, 80.6860, 46.5580



96.9120, 14.6270, -6.2770



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



122.9210, 61.9930, -27.6950



157.3190, 83.8190, -37.7890



135.9250, 28.6660, -56.9820



79.2130, 3.7140, -1.2300



106.7510, 56.7200, -25.7440



13.0130, 7.1530, -2.9830

Inverse Universe

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



49.0790, -61.9930, 27.6950



57.2680, -84.0940, 37.2660



36.0750, -28.6660, 56.9820



75.7870, -3.7140, 1.2300



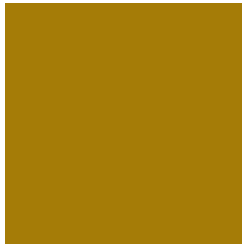
38.8360, -56.9950, 25.2210



4.9870, -7.1530, 2.9830

Previews

White Background



This preview shows how the YIQ color 122.9210, 61.9930, -27.6950 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 122.9210, 61.9930, -27.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

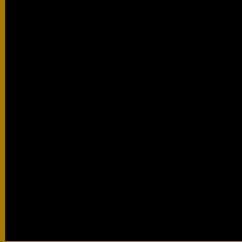
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.9210, 61.9930, -27.6950

Background



This preview shows how black text looks on a background with the YIQ color 122.9210, 61.9930, -27.6950.



This preview shows how white text looks on a background with the YIQ color 122.9210, 61.9930,

-27.6950.

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

122.9210, 61.9930, -27.6950

Protanopia

122.1040, 48.0560, -33.9280

Deuteranopia

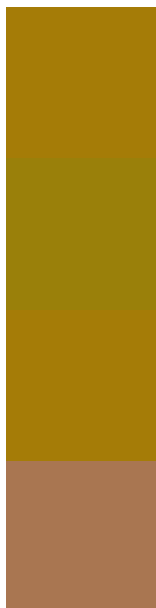
122.9210, 61.9930, -27.6950



Tritanopia

132.7700, 30.4870, 14.6710

Trichromacy



Original Color

122.9210, 61.9930, -27.6950

Protanomaly

122.3220, 53.3740, -31.1860

Deuteranomaly

122.9210, 61.9930, -27.6950

Tritanomaly

129.0310, 42.2730, -0.6950

Monochromacy



Original Color

122.9210, 61.9930, -27.6950

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6970, 22.4220, -9.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9210, 61.9930, -27.6950 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(165, 124, 7)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 7)  
}
```

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(165, 124, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 7) }
```

Border

The CSS property to change the border of an element to YIQ 122.9210, 61.9930, -27.6950 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(165, 124, 7) }
```


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

```
.border{ border-color:rgb(165, 124, 7) }
```

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

Here you see how a box with a 4 pixel rgb(165, 124, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 7);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
7) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9210, 61.9930, -27.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 7) }
```

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

```
.background{ background-color: rgb(165,  
124, 7) }
```

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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