

Converting Colors

YIQ(124.8290, 57.2210, -7.2830)

Have a look what the booklet for
YIQ(124.8290, 57.2210, -7.2830)
contains.

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Color

**YIQ(124.8290, 57.2210,
-7.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7231
RGB	175, 114, 49
RGB Percent	69%, 45%, 19%
CMY	0.3136, 0.5530, 0.8076
CMYK	0.00, 0.35, 0.72, 0.31
HSL	31°, 56%, 44%
HSV	31°, 72%, 69%
XYZ	24.2555, 21.3682, 5.7596
YIQ	124.8290, 57.2210, -7.2830

Conversions

Conversions Part 2

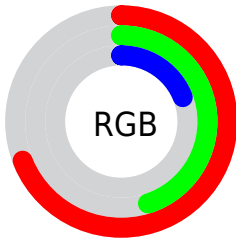
Format	Color
R_{YB}	167, 175, 49
Decimal	11498033
CIE _{Lab}	53.35, 18.22, 44.49
CIE _{LCh}	53, 48.080, 67.726
Yxy	21.3682, 0.4720, 0.4159
Android (android.graphics.Color)	4289688113 (0xFFAF7231)
YUV	124.8290, -37.3837, 44.0000
Hunter-Lab	46.2258, 12.7670, 24.9706

Details

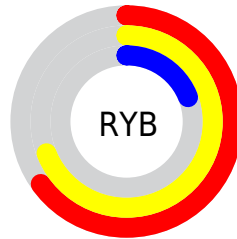
The YIQ color **124.8290, 57.2210, -7.2830** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.1710, -57.2210, 7.2830**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6940, 62.0350, -6.4210**, and **74.0240, 52.1780, -9.5020** is the 20% darker color. If you saturate the color by 10%, you get **117.6080, 65.1530, -7.8630**, and if you desaturate by 10%, it is **131.5770, 49.2430, -5.8690**.

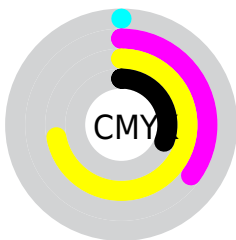
Distribution



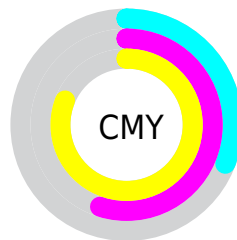
- Red (69%)
- Green (45%)
- Blue (19%)



- Red (65%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (35%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8290, 57.2210, -7.2830 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 124.8290, 57.2210, -7.2830 by changing the saturation by 10% instead.

■ 124.8290, 57.2210,
-7.2830

■ 124.8290, 57.2210,
-7.2830

■ 255.0000, -0.0000,
-0.0000

■ 98.6330, 54.8370,
-8.1310

■ 178.6940, 62.0350,
-6.4210

■ 74.0240, 52.1780,
-9.5020

■ 203.6720, 59.1010,
-8.3150

■ 52.1510, 41.8150,
-3.4090

■ 223.1860, 42.7340,
-14.5620

■ 31.7510, 31.4980,
1.8500

■ 243.2870, 26.0920,
-21.3320

■ 11.6610, 23.2440,
8.2680

■ 249.4140, 15.7290,
-15.2390

■ 0.0000, 0.0000,
0.0000

■ 252.6060, 6.7410,

-6.5310

■ 124.8290, 57.2210,
-7.2830

■ 124.8290, 57.2210,
-7.2830

■ 117.6080, 65.1530,
-7.8630

■ 131.5770, 49.2430,
-5.8690

■ 110.8600, 73.1310,
-9.2770

■ 138.7980, 41.3110,
-5.2890

■ 105.1550, 79.5500,
-9.9700

■ 145.5460, 33.3330,
-3.8750

■ 152.7670, 25.4010,
-3.2950

■ 159.5150, 17.4230,
-1.8810

■ 166.7360, 9.4910,
-1.3010

■ 173.4840, 1.5130,
0.1130

■ 180.7050, -6.4190,
0.6930

■ 187.4530,
-14.3970, 2.1070

Harmonies

Analogous

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



125.7340, 65.6990, 15.2910



124.8290, 57.2210, -7.2830



122.0290, 35.4460, -25.6580

Triad

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



124.8290, 57.2210, -7.2830



102.4940, -84.6770, -34.7970



130.8020, -6.9290, 31.9750

Complementary

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



124.8290, 57.2210, -7.2830



99.1710, -57.2210, 7.2830

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.



119.1090, -62.6780, 12.5700



124.8290, 57.2210, -7.2830



105.8800, -96.9670, -21.3110

Square

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



124.8290, 57.2210, -7.2830



102.0990, -59.0000, -43.0960



105.4360, -103.9840, -9.7760



130.2060, 33.0960, 38.9840

Rectangle

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



124.8290, 57.2210, -7.2830



118.9060, 13.6230, -32.1450



105.4360, -103.9840, -9.7760



128.9570, -23.6630, 26.8730

Sweetspot

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



124.8290, 57.2210, -7.2830



207.2120, 22.6500, -2.9980



93.8560, 54.8730, 46.3050



102.7750, 13.7550, -1.4850



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



124.8290, 57.2210, -7.2830



149.0050, 88.7200, -10.9600



160.6360, 40.4460, -39.1860



83.0390, 4.2640, -0.1840



90.6360, 67.9500, -8.9940



13.9210, 10.4080, -1.4000

Inverse Universe

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



99.1710, -57.2210, 7.2830



109.4080, -88.4450, 11.4830



63.3640, -40.4460, 39.1860



81.3740, -3.9890, 0.7070



59.9510, -68.2250, 8.4710



9.0790, -10.4080, 1.4000

Previews

White Background



This preview shows how the YIQ color 124.8290, 57.2210, -7.2830 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 124.8290, 57.2210, -7.2830 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 124.8290, 57.2210, -7.2830

Background



This preview shows how black text looks on a background with the YIQ color 124.8290, 57.2210, -7.2830.



This preview shows how white text looks on a background with the YIQ color 124.8290, 57.2210, -7.2830.

-7.2830.

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

124.8290, 57.2210, -7.2830

Protanopia

123.6360, 32.4190, -20.3570

Deuteranopia

124.2250, 46.9980, -14.7460



Tritanopia

129.4400, 40.3440, 17.7520

Trichromacy



Original Color

124.8290, 57.2210, -7.2830

Protanomaly

124.1750, 41.2670, -15.5090

Deuteranomaly

124.0730, 50.4820, -11.8060

Tritanomaly

128.1660, 46.6270, 8.5070

Monochromacy



Original Color

124.8290, 57.2210, -7.2830

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8420, 20.8160, -2.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8290, 57.2210, -7.2830 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(175, 114, 49)` looks like.

```
.text, #text, p{  
    color:rgb(175, 114, 49)  
}
```

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(175, 114, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 114, 49) }
```

Border

The CSS property to change the border of an element to YIQ 124.8290, 57.2210, -7.2830 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(175, 114, 49) }
```


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

```
.border{ border-color:rgb(175, 114, 49) }
```

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

Here you see how a box with a 4 pixel rgb(175, 114, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 114, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 114, 49);  
box-shadow:4px 4px 4px 4px rgb(175, 114,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8290, 57.2210, -7.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 114, 49) }
```

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

```
.background{ background-color: rgb(175,  
114, 49) }
```

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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