

Converting Colors

YIQ(124.8170, 74.6900, -9.9980)

Have a look what the booklet for
YIQ(124.8170, 74.6900, -9.9980)
contains.

YIQ(124.8170, 74.6900, -9.9980)	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(124.8170, 74.6900,
-9.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6F19
RGB	190, 111, 25
RGB Percent	75%, 44%, 10%
CMY	0.2548, 0.5648, 0.9016
CMYK	0.00, 0.42, 0.87, 0.25
HSL	31°, 77%, 42%
HSV	31°, 87%, 75%
XYZ	27.1010, 22.3837, 3.8171
YIQ	124.8170, 74.6900, -9.9980

Conversions

Conversions Part 2

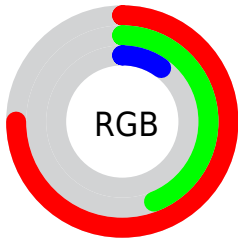
Format	Color
R_{YB}	177, 190, 25
Decimal	12480281
CIE _{Lab}	54.43, 25.51, 55.98
CIE _{LCh}	54, 61.515, 65.502
Yxy	22.3837, 0.5084, 0.4199
Android (android.graphics.Color)	4290670361 (0xFFBE6F19)
YUV	124.8170, -49.2098, 57.1655
Hunter-Lab	47.3115, 19.4536, 28.3345

Details

The YIQ color **124.8170, 74.6900, -9.9980** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **90.1830, -74.6900, 9.9980**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6220, 79.7330, -7.7790**, and **75.5630, 61.0260, -4.6540** is the 20% darker color. If you saturate the color by 10%, you get **117.3680, 83.2640, -11.2000**, and if you desaturate by 10%, it is **132.2660, 66.1160, -8.7960**.

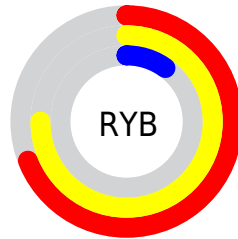
Distribution



Red (75%)

Green (44%)

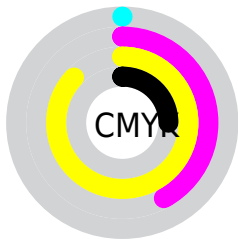
Blue (10%)



Red (69%)

Yellow (75%)

Blue (10%)

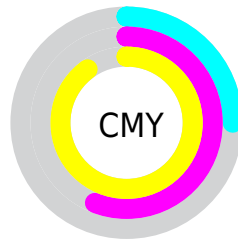


Cyan (0%)

Magenta (42%)

Yellow (87%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8170, 74.6900, -9.9980 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 124.8170, 74.6900, -9.9980 by changing the saturation by 10% instead.

124.8170, 74.6900,
-9.9980

124.8170, 74.6900,
-9.9980

255.0000, -0.0000,
-0.0000

98.3220, 71.7100,
-11.0580

179.7360, 79.4120,
-7.4680

75.5630, 61.0260,
-4.6540

199.7450, 66.0250,
-12.6550

53.0920, 49.4710,
1.0150

219.1450, 49.9790,
-19.2130

31.8060, 38.8330,
6.5850

239.2460, 33.3370,
-25.9830

14.0530, 28.0120,
9.9640

247.1340, 22.1490,
-21.4590

1.1960, 2.3840,
0.8480

250.3260, 13.1610,

0.0000, 0.0000,

-12.7510

0.0000

■ 253.6320, 3.8520,
-3.7320

■ 124.8170, 74.6900,
-9.9980

■ 124.8170, 74.6900,
-9.9980

■ 117.3680, 83.2640,
-11.2000

■ 132.2660, 66.1160,
-8.7960

■ 114.9230, 86.0150,
-11.4970

■ 139.7150, 57.5420,
-7.5940

■ 147.1640, 48.9680,
-6.3920

■ 154.6130, 40.3940,
-5.1900

■ 162.6490, 31.5450,
-4.5110

■ 170.0980, 22.9710,
-3.3090

■ 177.5470, 14.3970,
-2.1070

■ 184.9960, 5.8230,
-0.9050

■ 192.4450, -2.7510,
0.2970

Harmonies

Analogous

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



124.9320, 82.9370, 22.2730



124.8170, 74.6900, -9.9980



120.8500, 51.5870, -37.3490

Triad

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



124.8170, 74.6900, -9.9980



106.8310, -87.2440, -37.8360



133.2390, -15.2290, 39.2270

Complementary

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



124.8170, 74.6900, -9.9980



90.1830, -74.6900, 9.9980

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.



105.0890, -112.6520, 4.1480



124.8170, 74.6900, -9.9980



112.1720, -103.6610, -21.1410

Square

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



124.8170, 74.6900, -9.9980



98.8000, -68.7640, -53.3720



112.1670, -113.2920, -6.2840



131.1180, 39.6960, 51.5360

Rectangle

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



124.8170, 74.6900, -9.9980



117.8510, 23.4830, -45.6450



112.1670, -113.2920, -6.2840



130.1050, -38.5190, 31.7930

Sweetspot

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



124.8170, 74.6900, -9.9980



222.0940, 28.7940, -4.2140



83.4550, 72.6600, 59.8600



109.4010, 17.7440, -2.1920



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



124.8170, 74.6900, -9.9980



149.5760, 111.7370, -15.1030



170.2930, 51.1770, -51.9510



90.6260, 3.9890, -0.7070



95.3760, 71.6180, -9.3900



18.6610, 14.0760, -1.7960

Inverse Universe

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



90.1830, -74.6900, 9.9980



98.0110, -112.0120, 14.5800



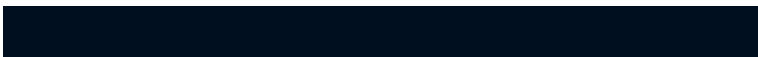
44.7070, -51.1770, 51.9510



88.3740, -3.9890, 0.7070



62.6240, -71.6180, 9.3900



12.3390, -14.0760, 1.7960

Previews

White Background



This preview shows how the YIQ color 124.8170, 74.6900, -9.9980 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 124.8170, 74.6900, -9.9980 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 124.8170, 74.6900, -9.9980

Background



This preview shows how black text looks on a background with the YIQ color 124.8170, 74.6900, -9.9980.



This preview shows how white text looks on a background with the YIQ color 124.8170, 74.6900, -9.9980.

-9.9980.

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

124.8170, 74.6900, -9.9980

Protanopia

124.2700, 41.9570, -28.0190

Deuteranopia

123.9470, 59.1040, -24.8960



Tritanopia

131.1210, 51.6680, 21.7800

Trichromacy



Original Color

124.8170, 74.6900, -9.9980

Protanomaly

124.7170, 54.0600, -21.5880

Deuteranomaly

124.0450, 64.8800, -19.4400

Tritanomaly

129.0490, 60.1980, 10.3580

Monochromacy



Original Color

124.8170, 74.6900, -9.9980

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1370, 27.2350, -3.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8170, 74.6900, -9.9980 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(190, 111, 25)` looks like.

```
.text, #text, p{  
    color:rgb(190, 111, 25)  
}
```

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(190, 111, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 111, 25) }
```

Border

The CSS property to change the border of an element to YIQ 124.8170, 74.6900, -9.9980 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(190, 111, 25) }
```


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

```
.border{ border-color:rgb(190, 111, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 111, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 111, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 111, 25);  
box-shadow:4px 4px 4px 4px rgb(190, 111,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8170, 74.6900, -9.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 111, 25) }
```

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

```
.background{ background-color: rgb(190,  
111, 25) }
```

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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