

Converting Colors

YIQ(104.7920, 49.4750,
-21.0930)

Have a look what the booklet for
YIQ(104.7920, 49.4750, -21.0930)
contains.

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Color

**YIQ(104.7920, 49.4750,
-21.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	8B690E
RGB	139, 105, 14
RGB Percent	55%, 41%, 5%
CMY	0.4549, 0.5883, 0.9448
CMYK	0.00, 0.24, 0.90, 0.45
HSL	44°, 82%, 30%
HSV	44°, 90%, 55%
XYZ	15.7783, 15.6216, 2.6015
YIQ	104.7920, 49.4750, -21.0930

Conversions

Conversions Part 2

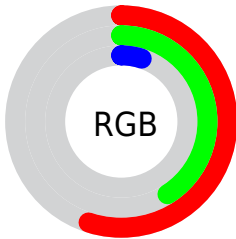
Format	Color
R_{YB}	61, 139, 14
Decimal	9136398
CIE _{Lab}	46.47, 5.51, 50.11
CIE _{LCh}	46, 50.412, 83.723
Yxy	15.6216, 0.4640, 0.4594
Android (android.graphics.Color)	4287326478 (0xFF8B690E)
YUV	104.7920, -44.7605, 30.0004
Hunter-Lab	39.5241, 2.0912, 23.7643

Details

The YIQ color **104.7920, 49.4750, -21.0930** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48.2080, -49.4750, 21.0930**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0420, 51.7670, -18.5770**, and **59.4610, 34.7100, -12.3140** is the 20% darker color. If you saturate the color by 10%, you get **100.8480, 55.0690, -23.3550**, and if you desaturate by 10%, it is **108.7360, 43.8810, -18.8310**.

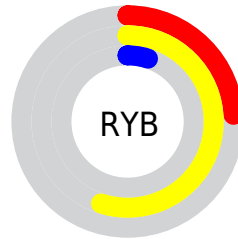
Distribution



Red (55%)

Green (41%)

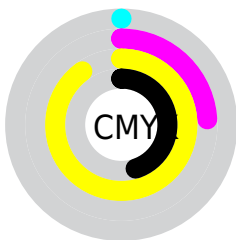
Blue (5%)



Red (24%)

Yellow (55%)

Blue (5%)

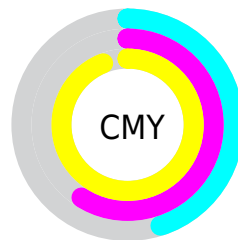


Cyan (0%)

Magenta (24%)

Yellow (90%)

Black (45%)



Cyan (45%)


Magenta (59%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.7920, 49.4750, -21.0930 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 104.7920, 49.4750, -21.0930 by changing the saturation by 10% instead.


 104.7920, 49.4750,
-21.0930


 104.7920, 49.4750,
-21.0930


255.0000, -0.0000,
-0.0000


 80.7360, 43.8810,
-18.8310


 158.0420, 51.7670,
-18.5770


 59.4610, 34.7100,
-12.3140

 185.7110, 54.1970,
-18.5630


 39.0610, 24.3930,
-7.0550

 213.1950, 55.7100,
-18.4500

 19.8460, 14.9930,
-1.8950

 232.7090, 39.3430,
-24.6970

 0.0000, 0.0000,
0.0000

 245.7660, 26.0010,
-25.1910

 248.9580, 17.0130,

-16.4830

■ 252.2640, 7.7040,
-7.4640

■ 104.7920, 49.4750,
-21.0930

■ 104.7920, 49.4750,
-21.0930

■ 100.8480, 55.0690,
-23.3550

■ 108.7360, 43.8810,
-18.8310

■ 112.6800, 38.2870,
-16.5690

■ 116.0370, 32.9680,
-13.7840

■ 119.9810, 27.3740,
-11.5220

■ 123.9250, 21.7800,
-9.2600

■ 127.7550, 16.5070,
-7.3090

■ 131.1120, 11.1880,
-4.5240

■ 135.0560, 5.5940,
-2.2620

■ 139.0000, -0.0000,
0.0000

Harmonies

Analogous

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



106.9750, 63.0420, 2.8660



104.7920, 49.4750, -21.0930



101.3750, 19.4920, -33.8840

Triad

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



104.7920, 49.4750, -21.0930



92.6120, -81.6530, -23.5170



113.4090, 16.4070, 38.5750

Complementary

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



104.7920, 49.4750, -21.0930



48.2080, -49.4750, 21.0930

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.



109.9990, -32.6490, 24.5270



104.7920, 49.4750, -21.0930



94.2540, -91.7880, -10.5400

Square

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



104.7920, 49.4750, -21.0930



87.7100, -67.8500, -36.8900



91.3820, -94.7240, -1.3800



109.0030, 49.7850, 39.3930

Rectangle

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



104.7920, 49.4750, -21.0930



97.2390, -9.4840, -37.3880



91.3820, -94.7240, -1.3800



113.4010, 1.6900, 35.4660

Sweetspot

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



104.7920, 49.4750, -21.0930



167.7830, 19.3040, -8.4400



55.3650, 63.2650, 37.3850



83.8840, 11.8300, -5.1460



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



104.7920, 49.4750, -21.0930



131.6030, 71.5760, -30.6640



116.6770, 24.0330, -44.5990



67.0280, 2.7970, -1.1310



96.1190, 52.8680, -22.0120



3.8430, 1.8800, -1.0320

Inverse Universe

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



48.2080, -49.4750, 21.0930



49.3970, -71.5760, 30.6640



36.3230, -24.0330, 44.5990



63.9720, -2.7970, 1.1310



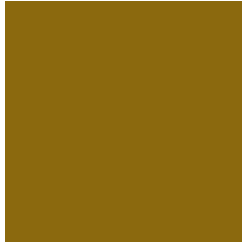
36.2940, -52.5930, 22.5350



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 104.7920, 49.4750, -21.0930 looks on a white 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

Black Background



This preview shows how the YIQ color 104.7920, 49.4750, -21.0930 looks on a black 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

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

YIQ 104.7920, 49.4750, -21.0930

Background



This preview shows how black text looks on a background with the YIQ color 104.7920, 49.4750, -21.0930.



This preview shows how white text looks on a background with the YIQ color 104.7920, 49.4750,

-21.0930.

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

104.7920, 49.4750, -21.0930

Protanopia

104.3560, 38.8390, -26.5770

Deuteranopia

105.0910, 50.0710, -20.8810



Tritanopia

112.5520, 25.1690, 11.9290

Trichromacy



Original Color

104.7920, 49.4750, -21.0930

Protanomaly

104.5630, 42.6900, -24.7820

Deuteranomaly

105.0910, 50.0710, -20.8810

Tritanomaly

109.9530, 33.7450, -0.3270

Monochromacy



Original Color

104.7920, 49.4750, -21.0930

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8260, 17.7450, -7.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.7920, 49.4750, -21.0930 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(139, 105, 14)` looks like.

```
.text, #text, p{  
    color:rgb(139, 105, 14)  
}
```

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(139, 105, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 105, 14) }
```

Border

The CSS property to change the border of an element to YIQ 104.7920, 49.4750, -21.0930 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(139, 105, 14) }
```


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

```
.border{ border-color:rgb(139, 105, 14) }
```

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

Here you see how a box with a 4 pixel rgb(139, 105, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 105, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 105, 14);  
box-shadow:4px 4px 4px 4px rgb(139, 105,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 104.7920, 49.4750, -21.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 105, 14) }
```

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

```
.background{ background-color: rgb(139,  
105, 14) }
```

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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