

Converting Colors

YIQ(124.9620, -49.5630, 0.6530)

Have a look what the booklet for
YIQ(124.9620, -49.5630, 0.6530)
contains.

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Color

**YIQ(124.9620, -49.5630,
0.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8AB5
RGB	78, 138, 181
RGB Percent	31%, 54%, 71%
CMY	0.6942, 0.4587, 0.2904
CMYK	0.57, 0.24, 0.00, 0.29
HSL	205°, 41%, 51%
HSV	205°, 57%, 71%
XYZ	20.5660, 23.1365, 47.0664
YIQ	124.9620, -49.5630, 0.6530

Conversions

Conversions Part 2

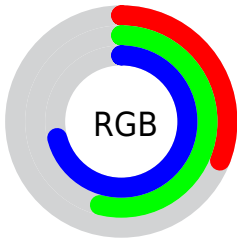
Format	Color
R_{YB}	78, 116, 181
Decimal	5147317
CIE _{Lab}	55.21, -6.78, -28.44
CIE _{LCh}	55, 29.237, 256.599
Yxy	23.1365, 0.2266, 0.2549
Android (android.graphics.Color)	4283337397 (0xFF4E8AB5)
YUV	124.9620, 27.6267, -41.1857
Hunter-Lab	48.1004, -7.8553, -24.3452

Details

The YIQ color $124.9620, -49.5630, 0.6530$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $134.0380, 49.5630, -0.6530$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.2010, -48.7380, 2.2220$, and $67.4440, -62.9040, -5.3680$ is the 20% darker color. If you saturate the color by 10%, you get $114.8840, -58.0910, 1.0210$, and if you desaturate by 10%, it is $135.0400, -41.0350, 0.2850$.

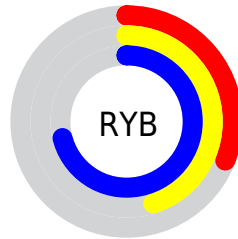
Distribution



Red (31%)

Green (54%)

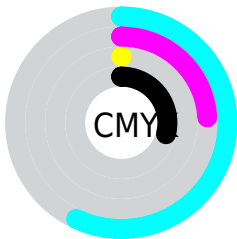
Blue (71%)



Red (31%)

Yellow (45%)

Blue (71%)

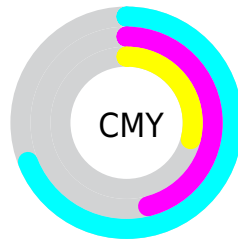


Cyan (57%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (69%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.9620, -49.5630, 0.6530 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 124.9620, -49.5630, 0.6530 by changing the saturation by 10% instead.

■ 124.9620,
-49.5630, 0.6530

■ 124.9620,
-49.5630, 0.6530

■ 255.0000, -0.0000,
-0.0000

■ 98.2390, -51.9010,
-1.0290

■ 179.2010,
-48.7380, 2.2220

■ 67.4440, -62.9040,
-5.3680

■ 206.0610,
-45.5280, -0.8880

■ 49.8970, -50.9380,
-1.9620

■ 231.7550,
-36.2190, -9.9070

■ 34.1330, -36.8630,
1.7690

■ 244.5350,
-20.8600, -7.4200

■ 19.7710, -23.9800,
5.0760

■ 253.5050, -2.9800,
-1.0600

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 124.9620,
-49.5630, 0.6530

■ 124.9620,
-49.5630, 0.6530

■ 114.8840,
-58.0910, 1.0210

■ 135.0400,
-41.0350, 0.2850

■ 105.3930,
-66.8940, 0.8660

■ 144.5310,
-32.2320, 0.4400

■ 95.3150, -75.4220,
1.2340

■ 154.6090,
-23.7040, 0.0720

■ 85.8240, -84.2250,
1.0790

■ 164.1000,
-14.9010, 0.2270

■ 82.8560, -87.2510,
0.8530

■ 174.1780, -6.3730,
-0.1410

■ 183.9680, 3.0260,
0.2260

■ 194.0460, 11.5540,
-0.1420

■ 203.5370, 20.3570,
0.0130

■ 213.6150, 28.8850,
-0.3550

Harmonies

Analogous

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



116.2380, -68.4960, -14.1600



124.9620, -49.5630, 0.6530



132.5250, -22.9270, 13.5290

Triad

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



124.9620, -49.5630, 0.6530



134.3150, 39.1980, 16.4940



125.5190, -6.7360, -21.1040

Complementary

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



124.9620, -49.5630, 0.6530



134.0380, 49.5630, -0.6530

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.



129.0720, 16.6920, -16.1720



124.9620, -49.5630, 0.6530



132.8340, 41.6300, 5.4540

Square

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



124.9620, -49.5630, 0.6530



135.7730, 26.4050, 22.5730



131.5520, 33.1960, -6.9000



121.2200, -33.6950, -22.6150

Rectangle

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



124.9620, -49.5630, 0.6530



135.2670, -4.4050, 19.2670



131.5520, 33.1960, -6.9000



127.2380, 1.4250, -20.3270

Sweetspot

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



124.9620, -49.5630, 0.6530



213.0610, -19.1650, 0.4110



143.3630, -42.1280, -40.4960



104.8400, -11.2330, -0.1690



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



124.9620, -49.5630, 0.6530



147.8310, -76.9350, 1.1210



95.0250, -35.5380, 27.3260



84.5480, -4.5390, -0.3390



69.6850, -73.5880, 1.0360



11.7690, -12.4710, 0.2410

Inverse Universe

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



115.6370, 42.1280, 40.4960



133.4420, 65.5070, 62.8430



163.9750, 35.5380, -27.3260



83.3750, 3.4380, 3.7740



55.8930, 62.6190, 60.1150



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 124.9620, -49.5630, 0.6530 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 124.9620, -49.5630, 0.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

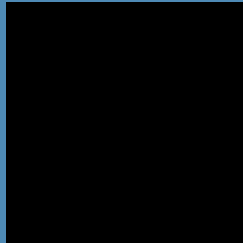
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.9620, -49.5630, 0.6530

Background



This preview shows how black text looks on a background with the YIQ color 124.9620, -49.5630, 0.6530.



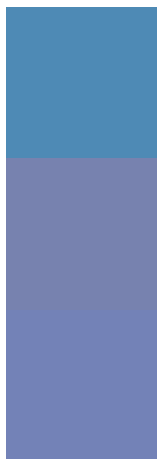
This preview shows how white text looks on a background with the YIQ color 124.9620, -49.5630,

0.6530.

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

124.9620, -49.5630, 0.6530

Protanopia

131.8410, -21.0010, 11.6630

Deuteranopia

131.5570, -25.9530, 13.3030



Tritanopia

121.5300, -48.8270, -12.6910

Trichromacy



Original Color

124.9620, -49.5630, 0.6530

Protanomaly

129.3450, -31.4080, 7.5360

Deuteranomaly

129.3170, -34.2050, 8.6670

Tritanomaly

122.6920, -49.1030, -7.6870

Monochromacy



Original Color

124.9620, -49.5630, 0.6530

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1320, -17.9270, 0.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.9620, -49.5630, 0.6530 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(78, 138, 181)` looks like.

```
.text, #text, p{  
    color:rgb(78, 138, 181)  
}
```

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(78, 138, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 138, 181) }
```

Border

The CSS property to change the border of an element to YIQ 124.9620, -49.5630, 0.6530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

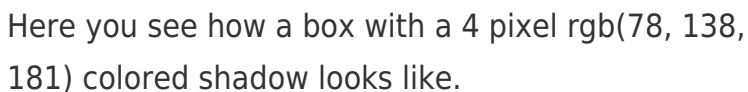
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 138, 181) }
```


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

```
.border{ border-color:rgb(78, 138, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 138, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 138, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 138, 181);  
box-shadow:4px 4px 4px 4px rgb(78, 138,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 124.9620, -49.5630, 0.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 138, 181) }
```

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

```
.background{ background-color: rgb(78, 138,  
181) }
```

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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