

Converting Colors

YIQ(120.4790, -9.2590,
-13.9230)

Have a look what the booklet for
YIQ(120.4790, -9.2590, -13.9230)
contains.

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Color

**YIQ(120.4790, -9.2590,
-13.9230)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 67846B |
| RGB | 103, 132, 107 |
| RGB Percent | 40%, 52%, 42% |
| CMY | 0.5962, 0.4823, 0.5804 |
| CMYK | 0.22, 0.00, 0.19, 0.48 |
| HSL | 128°, 12%, 46% |
| HSV | 128°, 22%, 52% |
| XYZ | 16.4976, 20.4495, 16.9863 |
| YIQ | 120.4790, -9.2590, -13.9230 |

Conversions

Conversions Part 2

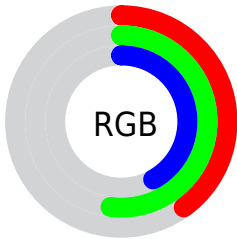
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 103, 128, 132 |
| Decimal | 6784107 |
| CIE _{Lab} | 52.34, -15.67, 10.17 |
| CIE _{LCh} | 52, 18.675, 147.023 |
| Yxy | 20.4495, 0.3059, 0.3792 |
| Android (android.graphics.Color) | 4284974187 (0xFF67846B) |
| YUV | 120.4790, -6.6451, -15.3291 |
| Hunter-Lab | 45.2212, -14.0168, 9.3838 |

Details

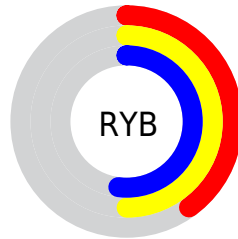
The YIQ color $120.4790, -9.2590, -13.9230$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $114.5210, 9.2590, 13.9230$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $172.9520, -9.2130, -14.7570$, and $71.4190, -9.0300, -12.5660$ is the 20% darker color. If you saturate the color by 10%, you get $115.3380, -13.4760, -20.1000$, and if you desaturate by 10%, it is $125.6200, -5.0420, -7.7460$.

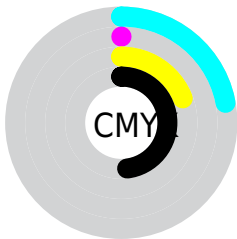
Distribution



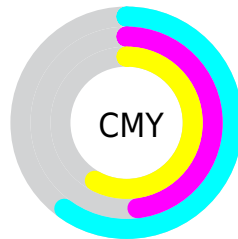
- Red (40%)
- Green (52%)
- Blue (42%)



- Red (40%)
- Yellow (50%)
- Blue (52%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.4790, -9.2590, -13.9230 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 120.4790, -9.2590, -13.9230 by changing the saturation by 10% instead.

■ 120.4790, -9.2590,
-13.9230

■ 120.4790, -9.2590,
-13.9230

■ 255.0000, -0.0000,
-0.0000

■ 95.8920, -8.9840,
-13.4000

■ 172.9520, -9.2130,
-14.7570

■ 71.4190, -9.0300,
-12.5660

■ 200.2400,
-10.0840, -15.4920

■ 48.8320, -8.7550,
-12.0430

■ 228.2400,
-10.0840, -15.4920

■ 26.9460, -9.0760,
-11.7320

■ 248.3210, -5.6380,
-7.9580

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 120.4790, -9.2590,
-13.9230

■ 120.4790, -9.2590,
-13.9230

■ 115.3380,
-13.4760, -20.1000

■ 125.6200, -5.0420,
-7.7460

■ 110.0830,
-17.3720, -26.5880

■ 130.8750, -1.1460,
-1.2580

■ 104.6430,
-22.1850, -32.9770

■ 136.3150, 3.6670,
5.1310

■ 99.3880, -26.0810,
-39.4650

■ 141.4560, 7.8840,
11.3080

■ 94.2470, -30.2980,
-45.6420

■ 146.7110, 11.7800,
17.7960

■ 89.1060, -34.5150,
-51.8190

■ 151.8520, 15.9970,
23.9730

■ 83.8510, -38.4110,
-58.3070


■ 157.1070, 19.8930,
30.4610

■ 79.5360, -42.0780,

■ 162.5470, 24.7060,

-63.4380

36.8500

 167.6880, 28.9230,
43.0270

Harmonies

Analogous

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



122.2590, 6.1000, -11.4360



120.4790, -9.2590, -13.9230



118.6930, -24.4810, -13.3850

Triad

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



120.4790, -9.2590, -13.9230



123.1300, -23.6130, 3.9310



126.8140, 27.1870, 8.3950

Complementary

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



120.4790, -9.2590, -13.9230



114.5210, 9.2590, 13.9230

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.



127.1540, 20.5380, 13.2580



120.4790, -9.2590, -13.9230



125.8440, -7.8880, 10.8000

Square

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



120.4790, -9.2590, -13.9230



119.5260, -33.8360, -3.5320



127.4500, 8.0210, 14.3330



125.7010, 25.7670, 1.0870

Rectangle

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



120.4790, -9.2590, -13.9230



117.8540, -32.1840, -11.4480



127.4500, 8.0210, 14.3330



127.3840, 25.5820, 9.9500

Sweetspot

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



120.4790, -9.2590, -13.9230



166.2720, -3.9420, -5.6540



127.4980, 6.9250, -9.8670



84.2230, -2.2460, -3.3500



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



120.4790, -9.2590, -13.9230



153.2130, -14.6220, -21.3580



122.0750, -13.7530, -9.5690



63.6360, -1.9710, -2.8270



78.3620, -41.5280, -62.3920



1.7610, -0.8250, -1.5690

Inverse Universe

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



114.5210, 9.2590, 13.9230



143.9010, 14.3010, 21.6690



112.9250, 13.7530, 9.5690



62.3640, 1.9710, 2.8270



51.6380, 41.5280, 62.3920



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 120.4790, -9.2590, -13.9230 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 120.4790, -9.2590, -13.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

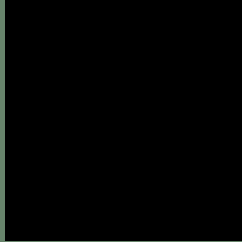
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.4790, -9.2590, -13.9230

Background



This preview shows how black text looks on a background with the YIQ color 120.4790, -9.2590, -13.9230.



This preview shows how white text looks on a background with the YIQ color 120.4790, -9.2590,

-13.9230.

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

120.4790, -9.2590, -13.9230

Protanopia

123.9980, 11.5090, -4.8350

Deuteranopia

125.4380, 16.3220, 1.5540



Tritanopia

123.1600, -15.1300, -1.1300

Trichromacy



Original Color

120.4790, -9.2590, -13.9230

Protanomaly

122.5840, 3.8070, -8.4250

Deuteranomaly

123.4860, 7.1990, -3.8170

Tritanomaly

121.8950, -13.0660, -5.4980

Monochromacy



Original Color

120.4790, -9.2590, -13.9230

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9840, -3.0710, -4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4790, -9.2590, -13.9230 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(103, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(103, 132, 107)  
}
```

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(103, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 132, 107) }
```

Border

The CSS property to change the border of an element to YIQ 120.4790, -9.2590, -13.9230 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(103, 132, 107) }
```


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

```
.border{ border-color:rgb(103, 132, 107) }
```

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

Here you see how a box with a 4 pixel rgb(103, 132, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(103, 132,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4790, -9.2590, -13.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 132, 107) }
```

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

```
.background{ background-color: rgb(103,  
132, 107) }
```

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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