

Converting Colors

YIQ(127.6320, -6.4570,
-42.6890)

Have a look what the booklet for
YIQ(127.6320, -6.4570, -42.6890)
contains.

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Color

**YIQ(127.6320, -6.4570,
-42.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9D3E
RGB	95, 157, 62
RGB Percent	37%, 62%, 24%
CMY	0.6277, 0.3842, 0.7568
CMYK	0.40, 0.00, 0.61, 0.38
HSL	99°, 43%, 43%
HSV	99°, 61%, 62%
XYZ	17.6450, 26.9007, 8.8215
YIQ	127.6320, -6.4570, -42.6890

Conversions

Conversions Part 2

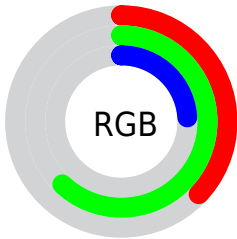
Format	Color
R_{YB}	62, 157, 124
Decimal	6266174
CIE _{Lab}	58.88, -37.54, 42.57
CIE _{LCh}	59, 56.753, 131.408
Yxy	26.9007, 0.3306, 0.5041
Android (android.graphics.Color)	4284456254 (0xFF5F9D3E)
YUV	127.6320, -32.3566, -28.6183
Hunter-Lab	51.8659, -30.0387, 26.2218

Details

The YIQ color **127.6320, -6.4570, -42.6890** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **91.3680, 6.4570, 42.6890**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.8770, -5.7690, -44.1450**, and **74.6920, -6.6860, -44.0460** is the 20% darker color. If you saturate the color by 10%, you get **122.8180, -7.2810, -49.7850**, and if you desaturate by 10%, it is **132.4460, -5.6330, -35.5930**.

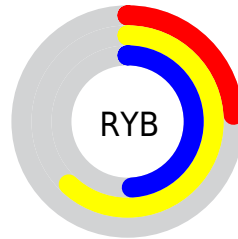
Distribution



Red (37%)

Green (62%)

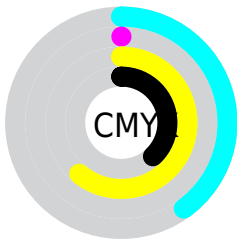
Blue (24%)



Red (24%)

Yellow (62%)

Blue (49%)

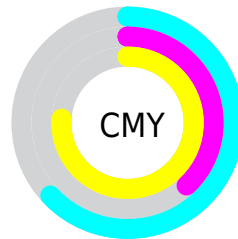


Cyan (40%)

Magenta (0%)

Yellow (61%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6320, -6.4570, -42.6890 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 127.6320, -6.4570, -42.6890 by changing the saturation by 10% instead.

■ 127.6320, -6.4570,
-42.6890

■ 127.6320, -6.4570,
-42.6890

■ 255.0000, -0.0000,
-0.0000

■ 101.4470, -7.3740,
-42.5900

■ 181.8770, -5.7690,
-44.1450

■ 74.6920, -6.6860,
-44.0460

■ 210.2360, -5.4020,
-45.2900

■ 48.7540, -18.4240,
-40.5680

■ 229.9040, -1.2310,
-38.2790

■ 33.4590, -15.6750,
-29.8110

■ 241.7670, 7.0650,
-23.4230

■ 21.7190, -10.1750,
-19.3510

■ 251.2380, 10.5930,
-10.2630

■ 0.0000, 0.0000,
0.0000

■ 254.5440, 1.2840,

-1.2440

■ 127.6320, -6.4570,
-42.6890

■ 127.6320, -6.4570,
-42.6890

■ 122.8180, -7.2810,
-49.7850

■ 132.4460, -5.6330,
-35.5930

■ 117.8190, -9.0220,
-56.7820

■ 137.1460, -4.4880,
-28.8080

■ 113.0050, -9.8460,
-63.8780

■ 142.2590, -3.0680,
-21.5000

■ 108.3050,
-10.9910, -70.6630

■ 147.0730, -2.2440,
-14.4040

■ 151.8870, -1.4200,
-7.3080

■ 156.8860, 0.3210,
-0.3110

■ 161.7000, 1.1450,
6.7850

■ 166.5140, 1.9690,
13.8810

■ 171.2140, 3.1140,
20.6660

Harmonies

Analogous

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



133.7270, 38.9320, -33.7720



127.6320, -6.4570, -42.6890



108.5800, -79.7680, -52.1840

Triad

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



127.6320, -6.4570, -42.6890



118.4760, -118.6560, -8.1920



139.3830, 72.0220, 38.3740

Complementary

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



127.6320, -6.4570, -42.6890



91.3680, 6.4570, 42.6890

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.



143.8210, 44.7860, 47.3940



127.6320, -6.4570, -42.6890



133.4490, -69.3270, 17.4330

Square

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



127.6320, -6.4570, -42.6890



119.1650, -110.9510, -21.1830



145.7090, -1.9330, 40.5550



138.9650, 78.1700, 15.0500

Rectangle

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



127.6320, -6.4570, -42.6890



113.1570, -91.2780, -41.8220



145.7090, -1.9330, 40.5550



140.6090, 65.6940, 42.9260

Sweetspot

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



127.6320, -6.4570, -42.6890



192.6060, -2.4270, -16.5950



126.7990, 39.5700, -12.2860



95.0070, -1.8780, -10.0220



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



127.6320, -6.4570, -42.6890



158.0110, -9.9830, -66.9030



119.3610, -30.6190, -45.3310



76.5930, -0.4120, -3.5480



98.5920, -10.1210, -64.4010



10.3000, -1.1450, -6.7850

Inverse Universe

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



91.3680, 6.4570, 42.6890



100.9890, 9.9830, 66.9030



99.6390, 30.6190, 45.3310



73.4070, 0.4120, 3.5480



44.1090, 9.5250, 64.1890



4.7000, 1.1450, 6.7850

Previews

White Background



This preview shows how the YIQ color 127.6320, -6.4570, -42.6890 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 127.6320, -6.4570, -42.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

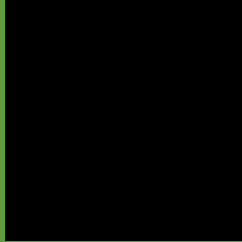
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6320, -6.4570, -42.6890

Background



This preview shows how black text looks on a background with the YIQ color 127.6320, -6.4570, -42.6890.



This preview shows how white text looks on a background with the YIQ color 127.6320, -6.4570,

-42.6890.

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

127.6320, -6.4570, -42.6890

Protanopia

136.2080, 36.5000, -22.7320

Deuteranopia

138.5500, 44.7050, -11.7350



Tritanopia

137.6040, -25.3080, -3.9000

Trichromacy



Original Color

127.6320, -6.4570, -42.6890

Protanomaly

133.0810, 20.5000, -30.1240

Deuteranomaly

134.2330, 26.1840, -23.0000

Tritanomaly

134.1680, -18.7490, -18.1490

Monochromacy



Original Color

127.6320, -6.4570, -42.6890

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1330, -2.4730, -15.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6320, -6.4570, -42.6890 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(95, 157, 62)` looks like.

```
.text, #text, p{  
    color:rgb(95, 157, 62)  
}
```

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(95, 157, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 157, 62) }
```

Border

The CSS property to change the border of an element to YIQ 127.6320, -6.4570, -42.6890 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(95, 157, 62) }
```


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

```
.border{ border-color:rgb(95, 157, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 157, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 157, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 157, 62);  
box-shadow:4px 4px 4px 4px rgb(95, 157,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6320, -6.4570, -42.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 157, 62) }
```

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

```
.background{ background-color: rgb(95, 157,  
62) }
```

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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