

Converting Colors

YIQ(114.4350, -24.2950,
-27.7750)

Have a look what the booklet for
YIQ(114.4350, -24.2950, -27.7750)
contains.

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Color

**YIQ(114.4350, -24.2950,
-27.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8B5E
RGB	74, 139, 94
RGB Percent	29%, 55%, 37%
CMY	0.7100, 0.4548, 0.6314
CMYK	0.47, 0.00, 0.32, 0.45
HSL	138°, 31%, 42%
HSV	138°, 47%, 55%
XYZ	14.0767, 20.7350, 13.8463
YIQ	114.4350, -24.2950, -27.7750

Conversions

Conversions Part 2

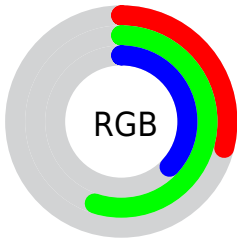
Format	Color
RYB	74, 124, 139
Decimal	4885342
CIELab	52.66, -31.40, 17.80
CIELCh	53, 36.096, 150.450
Yxy	20.7350, 0.2893, 0.4261
Android (android.graphics.Color)	4283075422 (0xFF4A8B5E)
YUV	114.4350, -10.0745, -35.4615
Hunter-Lab	45.5357, -24.5068, 13.8463

Details

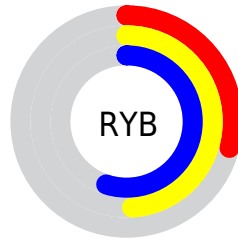
The YIQ color **114.4350, -24.2950, -27.7750** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **98.5650, 24.2950, 27.7750**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4950, -24.5240, -29.1320**, and **62.6950, -27.9630, -27.3790** is the 20% darker color. If you saturate the color by 10%, you get **109.1090, -29.4290, -33.8530**, and if you desaturate by 10%, it is **119.7610, -19.1610, -21.6970**.

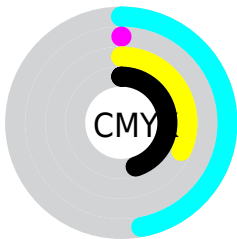
Distribution



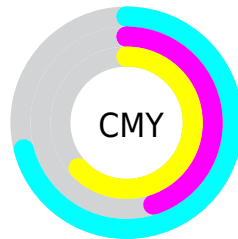
- Red (29%)
- Green (55%)
- Blue (37%)



- Red (29%)
- Yellow (49%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4350, -24.2950, -27.7750 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 114.4350, -24.2950, -27.7750 by changing the saturation by 10% instead.

■ 114.4350,
-24.2950, -27.7750

■ 114.4350,
-24.2950, -27.7750

■ 255.0000, -0.0000,
-0.0000

■ 88.6630, -24.9370,
-27.1530

■ 167.4950,
-24.5240, -29.1320

■ 62.6950, -27.9630,
-27.3790

■ 194.9680,
-24.4780, -29.9660

■ 40.5320, -25.9460,
-25.3860

■ 223.5550,
-24.7530, -30.4890

■ 24.7680, -11.8710,
-21.6550

■ 238.0540,
-18.4280, -18.4600

■ 9.9790, -4.6750,
-8.8910

■ 249.9170,
-10.1320, -3.6040

■ 0.0000, 0.0000,
0.0000

■ 114.4350,
-24.2950, -27.7750

■ 114.4350,
-24.2950, -27.7750

■ 109.1090,
-29.4290, -33.8530

■ 119.7610,
-19.1610, -21.6970

■ 103.8970,
-34.8840, -39.6200

■ 124.9730,
-13.7060, -15.9300

■ 98.5710, -40.0180,
-45.6980

■ 130.2990, -8.5720,
-9.8520

■ 93.2450, -45.1520,
-51.7760

■ 135.5110, -3.1170,
-4.0850

■ 88.0330, -50.6070,
-57.5430

■ 140.5380, 1.4210,
1.7810

■ 86.4950, -52.0280,
-59.3240

■ 145.8640, 6.5550,
7.8590

■ 151.0760, 12.0100,
13.6260

■ 156.4020, 17.1440,

19.7040

■ 161.7280, 22.2780,
25.7820

Harmonies

Analogous

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



119.6530, 7.3860, -23.7340



114.4350, -24.2950, -27.7750



97.9030, -78.5790, -35.1790

Triad

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



114.4350, -24.2950, -27.7750



119.7650, -50.2060, 6.8020



126.1220, 49.9270, 14.7830

Complementary

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



114.4350, -24.2950, -27.7750



98.5650, 24.2950, 27.7750

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.



127.7810, 41.1220, 25.6820



114.4350, -24.2950, -27.7750



127.6560, -12.7500, 21.8260

Square

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



114.4350, -24.2950, -27.7750



100.8250, -95.1340, -15.9820



129.4550, 18.7930, 28.3690



125.0700, 46.5370, -0.8790

Rectangle

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



114.4350, -24.2950, -27.7750



99.9980, -85.9160, -28.8600



129.4550, 18.7930, 28.3690



126.6860, 48.4590, 19.3630

Sweetspot

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



114.4350, -24.2950, -27.7750



171.5870, -9.4430, -10.5870



125.9090, 9.5410, -24.2430



85.9620, -6.0050, -6.8130



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.



114.4350, -24.2950, -27.7750



142.8210, -37.7260, -43.1820



118.0830, -34.5670, -17.8230



66.3370, -2.5670, -3.0390



82.7450, -49.7360, -56.8080



3.1630, -2.0170, -1.9930

Inverse Universe

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



98.5650, 24.2950, 27.7750



118.1790, 37.7260, 43.1820



94.9170, 34.5670, 17.8230



64.6630, 2.5670, 3.0390



50.2550, 49.7360, 56.8080



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 114.4350, -24.2950, -27.7750 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 114.4350, -24.2950, -27.7750 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 114.4350, -24.2950, -27.7750 Background



This preview shows how black text looks on a background with the YIQ color 114.4350, -24.2950, -27.7750.



This preview shows how white text looks on a background with the YIQ color 114.4350, -24.2950, -27.7750.

-27.7750.

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

114.4350, -24.2950, -27.7750

Protanopia

123.7720, 17.8370, -9.3870

Deuteranopia

125.2660, 22.5580, -1.3300



Tritanopia

120.2010, -31.5430, -6.5430

Trichromacy



Original Color

114.4350, -24.2950, -27.7750

Protanomaly

120.3570, 2.7080, -16.0440

Deuteranomaly

121.4870, 5.4580, -10.8140

Tritanomaly

118.1270, -28.6990, -14.0350

Monochromacy



Original Color

114.4350, -24.2950, -27.7750

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0000, -9.1680, -10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4350, -24.2950, -27.7750 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(74, 139, 94)` looks like.

```
.text, #text, p{  
    color:rgb(74, 139, 94)  
}
```

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(74, 139, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 139, 94) }
```

Border

The CSS property to change the border of an element to YIQ 114.4350, -24.2950, -27.7750 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(74, 139, 94) }
```


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

```
.border{ border-color:rgb(74, 139, 94) }
```

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

Here you see how a box with a 4 pixel rgb(74, 139, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 139, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 139, 94);  
box-shadow:4px 4px 4px 4px rgb(74, 139,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4350, -24.2950, -27.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 139, 94) }
```

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

```
.background{ background-color: rgb(74, 139,  
94) }
```

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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