

Converting Colors

YIQ(134.0100, -42.6320,
-42.3760)

Have a look what the booklet for
YIQ(134.0100, -42.6320, -42.3760)
contains.

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Color

**YIQ(134.0100, -42.6320,
-42.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	43AD6D
RGB	67, 173, 109
RGB Percent	26%, 68%, 43%
CMY	0.7375, 0.3214, 0.5727
CMYK	0.61, 0.00, 0.37, 0.32
HSL	144°, 44%, 47%
HSV	144°, 61%, 68%
XYZ	20.0204, 32.1983, 19.6191
YIQ	134.0100, -42.6320, -42.3760

Conversions

Conversions Part 2

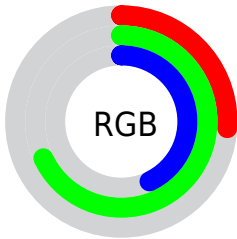
Format	Color
RYB	67, 143, 173
Decimal	4435309
CIELab	63.51, -45.20, 24.12
CIElCh	64, 51.235, 151.919
Yxy	32.1983, 0.2787, 0.4482
Android (android.graphics.Color)	4282625389 (0xFF43AD6D)
YUV	134.0100, -12.3299, -58.7678
Hunter-Lab	56.7435, -36.3224, 19.2209

Details

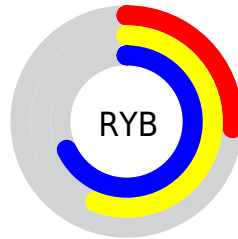
The YIQ color **134.0100, -42.6320, -42.3760** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **105.9900, 42.6320, 42.3760**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.1520, -40.1560, -43.1960**, and **77.3940, -52.5810, -43.7890** is the 20% darker color. If you saturate the color by 10%, you get **127.7870, -49.5540, -49.0900**, and if you desaturate by 10%, it is **140.2330, -35.7100, -35.6620**.

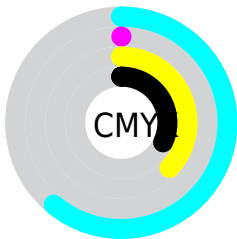
Distribution



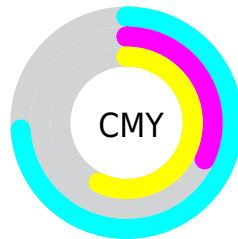
- Red (26%)
- Green (68%)
- Blue (43%)



- Red (26%)
- Yellow (56%)
- Blue (68%)



- Cyan (61%)
- Magenta (0%)
- Yellow (37%)
- Black (32%)



- Cyan (74%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0100, -42.6320, -42.3760 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 134.0100, -42.6320, -42.3760 by changing the saturation by 10% instead.

■ 134.0100,
-42.6320, -42.3760

■ 134.0100,
-42.6320, -42.3760

■ 255.0000, -0.0000,
-0.0000

■ 105.1450,
-47.4460, -43.2380

■ 190.1520,
-40.1560, -43.1960

■ 77.3940, -52.5810,
-43.7890

■ 216.8640,
-39.2850, -42.4610

■ 59.5100, -38.0480,
-37.3440

■ 228.7270,
-30.9890, -27.6050

■ 42.3270, -24.1110,
-31.1110

■ 240.7040,
-23.0140, -12.4380

■ 27.0020, -12.6500,
-24.0580

■ 250.8140, -8.3440,
-2.9680

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,

0.0000

■ 134.0100,
-42.6320, -42.3760

■ 134.0100,
-42.6320, -42.3760

■ 127.7870,
-49.5540, -49.0900

■ 140.2330,
-35.7100, -35.6620

■ 121.1510,
-56.7510, -56.3270

■ 146.8690,
-28.5130, -28.4250

■ 114.9280,
-63.6730, -63.0410

■ 153.0920,
-21.5910, -21.7110

■ 109.4170,
-69.7240, -69.0200

■ 159.4290,
-14.9900, -14.6860

■ 165.6520, -8.0680,
-7.9720

■ 172.2880, -0.8710,
-0.7350

■ 178.5110, 6.0510,
5.9790

■ 184.8480, 12.6520,
13.0040

■ 191.3700, 20.1700,
19.9300

Harmonies

Analogous

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



143.9330, 8.9930, -36.3430



134.0100, -42.6320, -42.3760



120.9820, -98.1550, -43.8430

Triad

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



134.0100, -42.6320, -42.3760



141.3070, -80.9710, 8.1890



153.0170, 72.3920, 20.6480

Complementary

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



134.0100, -42.6320, -42.3760



105.9900, 42.6320, 42.3760

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.



154.9240, 60.1930, 37.9930



134.0100, -42.6320, -42.3760



156.9410, -17.5660, 32.0180

Square

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



134.0100, -42.6320, -42.3760



126.4660, -121.8640, -16.1360



158.1610, 28.9690, 42.1930



151.8410, 66.1150, -3.2690

Rectangle

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



134.0100, -42.6320, -42.3760



124.5160, -108.1060, -34.2020



158.1610, 28.9690, 42.1930



153.1620, 70.7860, 27.7300

Sweetspot

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



134.0100, -42.6320, -42.3760



209.3040, -16.1360, -15.9440



148.6570, 9.5900, -41.6580



103.1140, -9.4890, -9.7530



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



134.0100, -42.6320, -42.3760



162.9660, -66.8360, -66.2920



139.9380, -59.3240, -26.2040



83.6250, -3.4380, -3.7740



94.8900, -60.5100, -59.7900



14.5270, -9.2140, -9.2300

Inverse Universe

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



105.9900, 42.6320, 42.3760



119.1480, 66.5150, 66.6030



100.0620, 59.3240, 26.2040



81.2610, 3.7590, 3.4630



55.2240, 60.1890, 60.1010



8.4730, 9.2140, 9.2300

Previews

White Background



This preview shows how the YIQ color 134.0100, -42.6320, -42.3760 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 134.0100, -42.6320, -42.3760 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 ✓ Pass

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

YIQ 134.0100, -42.6320, -42.3760 Background



This preview shows how black text looks on a background with the YIQ color 134.0100, -42.6320, -42.3760.



This preview shows how white text looks on a background with the YIQ color 134.0100, -42.6320, -42.3760.

-42.3760.

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

134.0100, -42.6320, -42.3760

Protanopia

150.9590, 24.4400, -13.4160

Deuteranopia

152.6320, 30.2150, -2.4330



Tritanopia

143.4590, -50.0650, -12.2810

Trichromacy



Original Color

134.0100, -42.6320, -42.3760

Protanomaly

144.6460, 0.0960, -23.7760

Deuteranomaly

146.0150, 3.6710, -16.9770

Tritanomaly

139.9780, -47.6330, -23.3210

Monochromacy



Original Color

134.0100, -42.6320, -42.3760

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0160, -15.2650, -15.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0100, -42.6320, -42.3760 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(67, 173, 109)` looks like.

```
.text, #text, p{  
    color:rgb(67, 173, 109)  
}
```

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(67, 173, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 173, 109) }
```

Border

The CSS property to change the border of an element to YIQ 134.0100, -42.6320, -42.3760 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(67, 173, 109) }
```


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

```
.border{ border-color:rgb(67, 173, 109) }
```

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

Here you see how a box with a 4 pixel rgb(67, 173, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 173, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 173, 109);  
box-shadow:4px 4px 4px 4px rgb(67, 173,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0100, -42.6320, -42.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 173, 109) }
```

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

```
.background{ background-color: rgb(67, 173,  
109) }
```

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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