

Converting Colors

YIQ(142.8200, -0.4540,
-24.8220)

Have a look what the booklet for
YIQ(142.8200, -0.4540, -24.8220)
contains.

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Color

**YIQ(142.8200, -0.4540,
-24.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9F65
RGB	127, 159, 101
RGB Percent	50%, 62%, 40%
CMY	0.5021, 0.3764, 0.6039
CMYK	0.20, 0.00, 0.36, 0.38
HSL	93°, 23%, 51%
HSV	93°, 36%, 62%
XYZ	23.4981, 30.2505, 16.9152
YIQ	142.8200, -0.4540, -24.8220

Conversions

Conversions Part 2

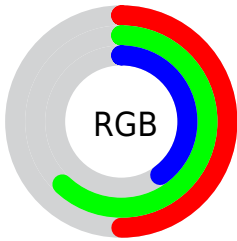
Format	Color
RYB	101, 159, 133
Decimal	8363877
CIELab	61.87, -21.83, 26.74
CIELCh	62, 34.525, 129.230
Yxy	30.2505, 0.3325, 0.4281
Android (android.graphics.Color)	4286553957 (0xFF7F9F65)
YUV	142.8200, -20.6173, -13.8741
Hunter-Lab	55.0004, -19.9895, 20.2659

Details

The YIQ color $142.8200, -0.4540, -24.8220$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $117.1800, 0.4540, 24.8220$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $197.1790, -0.0870, -25.9670$, and $91.8740, -0.5460, -23.1540$ is the 20% darker color. If you saturate the color by 10%, you get $138.3050, -0.6820, -31.7060$, and if you desaturate by 10%, it is $147.3350, -0.2260, -17.9380$.

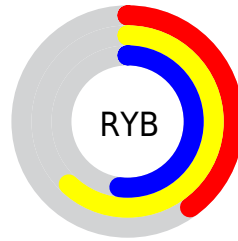
Distribution



Red (50%)

Green (62%)

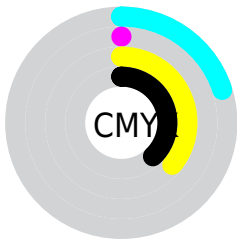
Blue (40%)



Red (40%)

Yellow (62%)

Blue (52%)

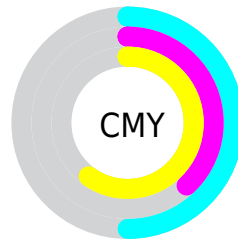


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8200, -0.4540, -24.8220 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 142.8200, -0.4540, -24.8220 by changing the saturation by 10% instead.


 142.8200, -0.4540,
-24.8220


 142.8200, -0.4540,
-24.8220


255.0000, -0.0000,
-0.0000


 117.0480, -1.0960,
-24.2000


 197.1790, -0.0870,
-25.9670

 91.5750, -1.1420,
-23.3660


 224.7660, -0.3620,
-26.4900


 67.6890, -1.4630,
-23.0550

 244.1460, 4.6800,
-18.7440

 44.6890, -1.4630,
-23.0550

 252.8340, 6.0990,
-5.9090

 24.1000, -6.8740,
-18.6020

 7.6310, -3.5750,
-6.7990

 0.0000, 0.0000,

0.0000

■ 142.8200, -0.4540,
-24.8220

■ 142.8200, -0.4540,
-24.8220

■ 138.3050, -0.6820,
-31.7060

■ 147.3350, -0.2260,
-17.9380

■ 133.7900, -0.9100,
-38.5900

■ 151.8500, 0.0020,
-11.0540

■ 129.5740, -0.5420,
-45.2620

■ 156.0660, -0.3660,
-4.3820

■ 125.0590, -0.7700,
-52.1460

■ 160.5810, -0.1380,
2.5020

■ 120.6580, -1.3190,
-58.7190

■ 165.0960, 0.0900,
9.3860

■ 116.1430, -1.5470,
-65.6030

■ 169.4970, 0.6390,
15.9590

■ 114.5620, -1.4090,
-68.1050

■ 173.7130, 0.2710,
22.6310

■ 178.2280, 0.4990,
29.5150

■ 182.7430, 0.7270,
36.3990

Harmonies

Analogous

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



146.5090, 25.5870, -17.6850



142.8200, -0.4540, -24.8220



137.3570, -32.8230, -27.4070

Triad

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



142.8200, -0.4540, -24.8220



136.5510, -70.5150, -5.0990



152.5270, 44.6530, 22.2610

Complementary

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



142.8200, -0.4540, -24.8220



117.1800, 0.4540, 24.8220

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.



153.9350, 26.1290, 27.5770



142.8200, -0.4540, -24.8220



147.5820, -36.2690, 13.0350

Square

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



142.8200, -0.4540, -24.8220



120.8750, -98.5710, -25.2830



152.7990, -2.8470, 24.0730



150.3730, 50.4780, 10.3020

Rectangle

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



142.8200, -0.4540, -24.8220



132.2540, -57.3980, -28.0700



152.7990, -2.8470, 24.0730



152.7700, 39.6550, 24.7350

Sweetspot

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



142.8200, -0.4540, -24.8220



200.4910, -0.3650, -9.9090



137.1260, 25.7680, -4.4400



101.0120, -0.2740, -6.0500



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



142.8200, -0.4540, -24.8220



181.3770, -1.1850, -39.1130



135.3880, -16.9130, -29.4010



76.8920, 0.1840, -3.3360



103.0770, -1.1810, -61.2210



10.8980, 0.0470, -6.3610

Inverse Universe

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



117.1800, 0.4540, 24.8220



141.3240, 0.5890, 38.9010



124.6120, 16.9130, 29.4010



73.4070, 0.4120, 3.5480



39.9230, 1.1810, 61.2210



4.1020, -0.0470, 6.3610

Previews

White Background



This preview shows how the YIQ color 142.8200, -0.4540, -24.8220 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 142.8200, -0.4540, -24.8220 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 142.8200, -0.4540, -24.8220

Background



This preview shows how black text looks on a background with the YIQ color 142.8200, -0.4540, -24.8220.



This preview shows how white text looks on a background with the YIQ color 142.8200, -0.4540,

-24.8220.

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

142.8200, -0.4540, -24.8220

Protanopia

146.9590, 24.4400, -13.4160

Deuteranopia

149.1330, 33.0580, -4.3980



Tritanopia

147.8830, -12.7920, 0.5520

Trichromacy



Original Color

142.8200, -0.4540, -24.8220

Protanomaly

145.5340, 15.2710, -17.9530

Deuteranomaly

146.8600, 20.4050, -11.8750

Tritanomaly

146.1250, -8.0220, -8.8060

Monochromacy



Original Color

142.8200, -0.4540, -24.8220

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0180, -0.4110, -9.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8200, -0.4540, -24.8220 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(127, 159, 101)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 101)  
}
```

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(127, 159, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 101) }
```

Border

The CSS property to change the border of an element to YIQ 142.8200, -0.4540, -24.8220 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(127, 159, 101) }
```


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

```
.border{ border-color:rgb(127, 159, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 101);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8200, -0.4540, -24.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 101) }
```

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

```
.background{ background-color: rgb(127,  
159, 101) }
```

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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