

Converting Colors

YIQ(142.2140, 62.7260,
-24.4580)

Have a look what the booklet for
YIQ(142.2140, 62.7260, -24.4580)
contains.

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Color

**YIQ(142.2140, 62.7260,
-24.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8D1F
RGB	187, 141, 31
RGB Percent	73%, 55%, 12%
CMY	0.2666, 0.4471, 0.8781
CMYK	0.00, 0.25, 0.83, 0.27
HSL	42°, 71%, 43%
HSV	42°, 83%, 73%
XYZ	30.2665, 29.7095, 5.4415
YIQ	142.2140, 62.7260, -24.4580

Conversions

Conversions Part 2

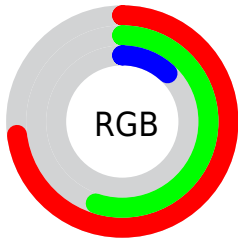
Format	Color
RYB	96, 187, 31
Decimal	12291359
CIELab	61.40, 7.81, 59.78
CIELCh	61, 60.292, 82.562
Yxy	29.7095, 0.4627, 0.4542
Android (android.graphics.Color)	4290481439 (0xFFBB8D1F)
YUV	142.2140, -54.8285, 39.2773
Hunter-Lab	54.5064, 3.7320, 32.2354

Details

The YIQ color **142.2140, 62.7260, -24.4580** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **75.7860, -62.7260, 24.4580**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6490, 65.9350, -22.0410**, and **91.9880, 51.8590, -20.2450** is the 20% darker color. If you saturate the color by 10%, you get **136.5260, 70.4750, -27.2290**, and if you desaturate by 10%, it is **147.9020, 54.9770, -21.6870**.

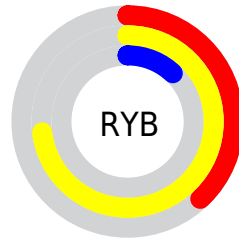
Distribution



Red (73%)

Green (55%)

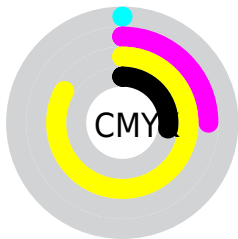
Blue (12%)



Red (38%)

Yellow (73%)

Blue (12%)

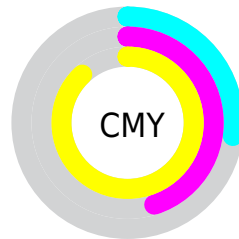


Cyan (0%)

Magenta (25%)

Yellow (83%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2140, 62.7260, -24.4580 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 142.2140, 62.7260, -24.4580 by changing the saturation by 10% instead.


 142.2140, 62.7260,
-24.4580


 142.2140, 62.7260,
-24.4580


255.0000, -0.0000,
-0.0000


 115.3340, 62.2680,
-27.1720


 197.6490, 65.9350,
-22.0410


 91.9880, 51.8590,
-20.2450


 219.4410, 54.6570,
-26.9030


 70.1150, 41.4960,
-14.1520


 239.5420, 38.0150,
-33.6730

 48.8290, 30.8580,
-8.5820

 245.0820, 27.9270,
-27.0570

 28.7280, 21.1370,
-3.1110

 248.2740, 18.9390,
-18.3490

 6.8770, 13.7080,
4.8760

 251.5800, 9.6300,

 0.0000, 0.0000,

-9.3300

0.0000

254.8860, 0.3210,
-0.3110

■ 142.2140, 62.7260,
-24.4580

■ 142.2140, 62.7260,
-24.4580

■ 136.5260, 70.4750,
-27.2290

■ 147.9020, 54.9770,
-21.6870

■ 133.3970, 75.1520,
-29.3920

■ 152.8890, 47.8240,
-18.7040

■ 158.5770, 40.0750,
-15.9330

■ 163.6780, 32.6010,
-12.6390

■ 169.3660, 24.8520,
-9.8680

■ 174.3530, 17.6990,
-6.8850

■ 180.0410, 9.9500,
-4.1140

■ 185.1420, 2.4760,
-0.8200

■ 190.7160, -4.9520,
1.6400

Harmonies

Analogous

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



145.0110, 80.5560, 4.8440



142.2140, 62.7260, -24.4580



137.4540, 26.2790, -41.2490

Triad

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



142.2140, 62.7260, -24.4580



123.5700, -108.1980, -32.5340



152.2880, 18.6060, 48.2860

Complementary

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



142.2140, 62.7260, -24.4580



75.7860, -62.7260, 24.4580

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.



147.4140, -43.8830, 29.8850



142.2140, 62.7260, -24.4580



125.6510, -120.9470, -16.2350

Square

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



142.2140, 62.7260, -24.4580



116.7130, -90.2680, -49.1160



121.7020, -124.9840, -3.6400



147.9710, 61.9790, 49.6830

Rectangle

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



142.2140, 62.7260, -24.4580



132.5560, -9.2990, -46.2510



121.7020, -124.9840, -3.6400



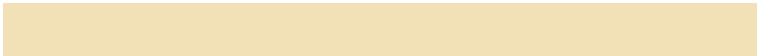
152.4860, 0.3130, 43.9050

Sweetspot

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



142.2140, 62.7260, -24.4580



224.5940, 24.2100, -9.2460



83.0020, 77.8890, 47.6890



112.0260, 14.3060, -5.9660



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



142.2140, 62.7260, -24.4580



172.7350, 97.2070, -38.1290



159.9470, 31.6000, -55.0880



91.8000, 3.4390, -1.7530



112.3990, 63.6430, -24.5570



22.1830, 12.4260, -4.9340

Inverse Universe

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



75.7860, -62.7260, 24.4580



69.8520, -97.4820, 37.6060



58.0530, -31.6000, 55.0880



87.7870, -3.7140, 1.2300



45.6010, -63.6430, 24.5570



8.8170, -12.4260, 4.9340

Previews

White Background



This preview shows how the YIQ color 142.2140, 62.7260, -24.4580 looks on a white background.

Color Contrast Check

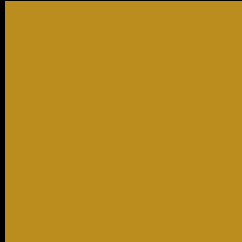
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.2140, 62.7260, -24.4580 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 142.2140, 62.7260, -24.4580

Background



This preview shows how black text looks on a background with the YIQ color 142.2140, 62.7260, -24.4580.



This preview shows how white text looks on a background with the YIQ color 142.2140, 62.7260, -24.4580.

-24.4580.

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

142.2140, 62.7260, -24.4580

Protanopia

141.1580, 47.9640, -32.2600

Deuteranopia

142.2140, 62.7260, -24.4580



Tritanopia

150.9770, 34.3380, 16.4660

Trichromacy



Original Color

142.2140, 62.7260, -24.4580

Protanomaly

141.3760, 53.2820, -29.5180

Deuteranomaly

142.2140, 62.7260, -24.4580

Tritanomaly

147.8680, 44.2900, 1.2980

Monochromacy



Original Color

142.2140, 62.7260, -24.4580

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.2240, 22.3760, -9.0480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2140, 62.7260, -24.4580 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(187, 141, 31)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 31)  
}
```

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(187, 141, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 31) }
```

Border

The CSS property to change the border of an element to YIQ 142.2140, 62.7260, -24.4580 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(187, 141, 31) }
```


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

```
.border{ border-color:rgb(187, 141, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 141, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 141, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 141, 31);  
box-shadow:4px 4px 4px 4px rgb(187, 141,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2140, 62.7260, -24.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 31) }
```

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

```
.background{ background-color: rgb(187,  
141, 31) }
```

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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