

Converting Colors

YIQ(142.8640, 23.7500, -0.9060)

Have a look what the booklet for
YIQ(142.8640, 23.7500, -0.9060)
contains.

YIQ(142.8640, 23.7500, -0.9060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.8640, 23.7500,
-0.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	A58973
RGB	165, 137, 115
RGB Percent	65%, 54%, 45%
CMY	0.3529, 0.4628, 0.5489
CMYK	0.00, 0.17, 0.30, 0.35
HSL	26°, 22%, 55%
HSV	26°, 30%, 65%
XYZ	27.5600, 27.1272, 20.0117
YIQ	142.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

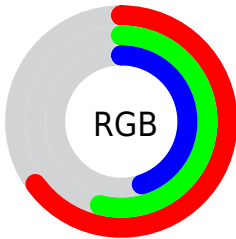
Format	Color
R_{YB}	165, 154, 115
Decimal	10848627
CIE _{Lab}	59.09, 7.27, 15.76
CIE _{LCh}	59, 17.353, 65.236
Yxy	27.1272, 0.3689, 0.3632
Android (android.graphics.Color)	4289038707 (0xFFA58973)
YUV	142.8640, -13.7370, 19.4133
Hunter-Lab	52.0838, 3.3062, 13.6781

Details

The YIQ color $142.8640, 23.7500, -0.9060$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $137.1360, -23.7500, 0.9060$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $196.6470, 25.8590, -0.5810$, and $92.1950, 21.3200, -0.9200$ is the 20% darker color. If you saturate the color by 10%, you get $135.7570, 31.3610, -1.1750$, and if you desaturate by 10%, it is $150.0850, 15.8180, -0.3260$.

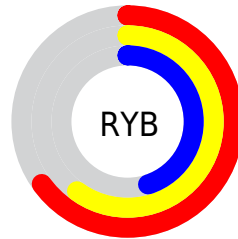
Distribution



Red (65%)

Green (54%)

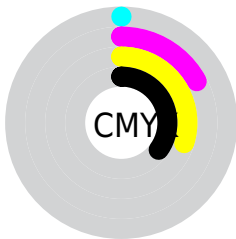
Blue (45%)



Red (65%)

Yellow (60%)

Blue (45%)

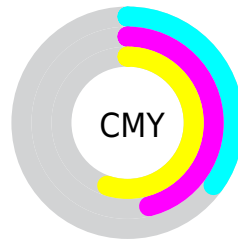


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.8640, 23.7500, -0.9060 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 142.8640, 23.7500, -0.9060 by changing the saturation by 10% instead.


 142.8640, 23.7500,
-0.9060


 142.8640, 23.7500,
-0.9060


255.0000, -0.0000,
-0.0000


 117.2660, 22.5580,
-1.3300


 196.6470, 25.8590,
-0.5810

 92.1950, 21.3200,
-0.9200


 224.8320, 26.7760,
-0.6800


 68.7110, 19.8070,
-1.0330

 246.5420, 12.7930,
-6.0790

 46.2270, 18.2940,
-1.1460

 254.5440, 1.2840,
-1.2440

 24.5860, 18.6610,
-2.2910

 2.6910, 5.3640,
1.9080

 0.0000, 0.0000,

0.0000

■ 142.8640, 23.7500,
-0.9060

■ 142.8640, 23.7500,
-0.9060

■ 135.7570, 31.3610,
-1.1750

■ 150.0850, 15.8180,
-0.3260

■ 127.9490, 39.5680,
-1.2320

■ 157.1920, 8.2070,
-0.0570

■ 120.8420, 47.1790,
-1.5010

■ 165.0000, -0.0000,
-0.0000

■ 113.6210, 55.1110,
-2.0810

■ 172.1070, -7.6110,
0.2690

■ 106.5140, 62.7220,
-2.3500

■ 179.3280,
-15.5430, 0.8490

■ 98.7060, 70.9290,
-2.4070

■ 186.4350,
-23.1540, 1.1180

■ 92.1860, 78.2650,
-3.1990

■ 194.2430,
-31.3610, 1.1750

■ 201.3500,
-38.9720, 1.4440

■ 207.5450,
-44.0150, -0.7750

Harmonies

Analogous

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



144.0480, 26.4080, 5.9920



142.8640, 23.7500, -0.9060



141.2710, 14.9940, -7.4220

Triad

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



142.8640, 23.7500, -0.9060



136.1490, -25.7650, -12.1410



143.7090, -3.0740, 11.6620

Complementary

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



142.8640, 23.7500, -0.9060



137.1360, -23.7500, 0.9060

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.



141.8210, -18.2490, 5.8390



142.8640, 23.7500, -0.9060



136.3750, -32.0930, -7.5890

Square

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



142.8640, 23.7500, -0.9060



137.7390, -12.9270, -13.5270



138.4450, -29.1140, -1.0020



144.7770, 11.4140, 13.4140

Rectangle

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



142.8640, 23.7500, -0.9060



140.0850, 6.6500, -10.3900



138.4450, -29.1140, -1.0020



143.4310, -8.1630, 10.2770

Sweetspot

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



142.8640, 23.7500, -0.9060



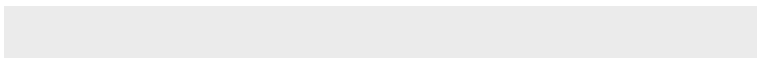
205.3770, 9.1240, -0.1560



133.1420, 20.8120, 19.3080



101.5230, 5.7770, -0.0710



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



142.8640, 23.7500, -0.9060



179.9810, 36.5420, -1.4580



157.5390, 16.8750, -13.9810



78.0390, 4.2640, -0.1840



80.9230, 68.8200, -2.7320



10.0780, 8.5280, -0.3680

Inverse Universe

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



137.1360, -23.7500, 0.9060



171.0190, -36.5420, 1.4580



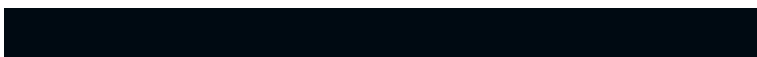
122.4610, -16.8750, 13.9810



76.9610, -4.2640, 0.1840



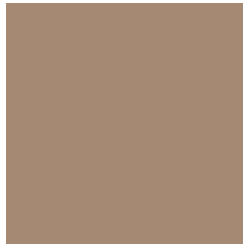
64.0770, -68.8200, 2.7320



7.9220, -8.5280, 0.3680

Previews

White Background



This preview shows how the YIQ color 142.8640, 23.7500, -0.9060 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 142.8640, 23.7500, -0.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

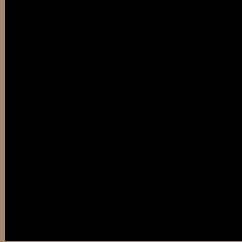
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.8640, 23.7500, -0.9060

Background



This preview shows how black text looks on a background with the YIQ color 142.8640, 23.7500, -0.9060.



This preview shows how white text looks on a background with the YIQ color 142.8640, 23.7500,

-0.9060.

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

142.8640, 23.7500, -0.9060

Protanopia

141.8410, 13.3890, -5.8670

Deuteranopia

143.1630, 24.3460, -0.6940



Tritanopia

144.6050, 17.6500, 10.5300

Trichromacy



Original Color

142.8640, 23.7500, -0.9060

Protanomaly

142.0480, 17.2400, -4.0720

Deuteranomaly

143.1630, 24.3460, -0.6940

Tritanomaly

143.7530, 19.9890, 6.6850

Monochromacy



Original Color

142.8640, 23.7500, -0.9060

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0780, 8.5280, -0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8640, 23.7500, -0.9060 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(165, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 137, 115)  
}
```

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(165, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 137, 115) }
```

Border

The CSS property to change the border of an element to YIQ 142.8640, 23.7500, -0.9060 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(165, 137, 115) }
```


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

```
.border{ border-color:rgb(165, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(165, 137,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8640, 23.7500, -0.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 137, 115) }
```

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

```
.background{ background-color: rgb(165,  
137, 115) }
```

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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