

Converting Colors

YIQ(209.2100, 42.1860,
-26.6620)

Have a look what the booklet for
YIQ(209.2100, 42.1860, -26.6620)
contains.

YIQ(209.2100, 42.1860, -26.6620)	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(209.2100, 42.1860,
-26.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D775
RGB	233, 215, 117
RGB Percent	91%, 84%, 46%
CMY	0.0863, 0.1569, 0.5409
CMYK	0.00, 0.08, 0.50, 0.09
HSL	51°, 72%, 69%
HSV	51°, 50%, 91%
XYZ	61.1157, 67.2056, 26.5996
YIQ	209.2100, 42.1860, -26.6620

Conversions

Conversions Part 2

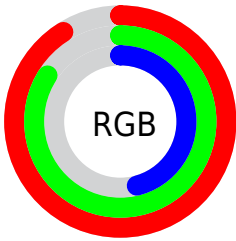
Format	Color
RYB	138, 233, 117
Decimal	15325045
CIELab	85.61, -6.40, 50.16
CIELCh	86, 50.566, 97.275
Yxy	67.2056, 0.3945, 0.4338
Android (android.graphics.Color)	4293515125 (0xFFE9D775)
YUV	209.2100, -45.4595, 20.8638
Hunter-Lab	81.9790, -10.3906, 38.1476

Details

The YIQ color $209.2100, 42.1860, -26.6620$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $140.7900, -42.1860, 26.6620$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4240, 26.9640, -26.1240$, and $153.6550, 39.4350, -26.3650$ is the 20% darker color. If you saturate the color by 10%, you get $204.2400, 50.6690, -31.7230$, and if you desaturate by 10%, it is $214.1800, 33.7030, -21.6010$.

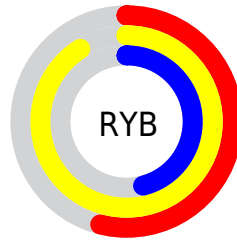
Distribution



Red (91%)

Green (84%)

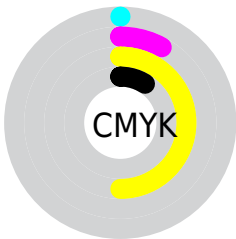
Blue (46%)



Red (54%)

Yellow (91%)

Blue (46%)

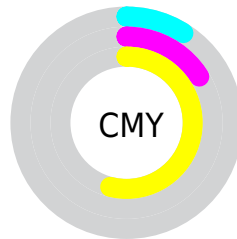


Cyan (0%)

Magenta (8%)

Yellow (50%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2100, 42.1860, -26.6620 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 209.2100, 42.1860, -26.6620 by changing the saturation by 10% instead.

■ 209.2100, 42.1860,
-26.6620

■ 209.2100, 42.1860,
-26.6620

255.0000, -0.0000,
-0.0000

■ 181.1390, 40.9480,
-26.2520

■ 245.4240, 26.9640,
-26.1240

■ 153.6550, 39.4350,
-26.3650

■ 248.6160, 17.9760,
-17.4160

■ 127.0570, 38.2430,
-26.7890

■ 251.9220, 8.6670,
-8.3970

■ 100.6610, 39.2980,
-29.3900

■ 77.7020, 32.0530,
-24.7390

■ 56.4270, 22.8820,
-18.2220

■ 36.6250, 13.7570,

-12.5390

■ 16.5130, 2.5690,
-8.0150

■ 0.0000, 0.0000,
0.0000

■ 209.2100, 42.1860,
-26.6620

■ 209.2100, 42.1860,
-26.6620

■ 204.2400, 50.6690,
-31.7230

■ 214.1800, 33.7030,
-21.6010

■ 199.7430, 59.1980,
-37.6180

■ 218.6770, 25.1740,
-15.7060

■ 194.7730, 67.6810,
-42.6790

■ 223.6470, 16.6910,
-10.6450

■ 190.3900, 75.8890,
-48.2630

■ 228.0300, 8.4830,
-5.0610

■ 185.4200, 84.3720,
-53.3240

■ 233.1140, -0.3210,
0.3110

■ 185.3060, 84.6930,
-53.6350

■ 237.8560, -8.1620,
4.7500

■ 239.6170, -8.9870,
3.1810

■ 241.9650,
-10.0870, 1.0890

■ 244.3130,
-11.1870, -1.0030

Harmonies

Analogous

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



206.8350, 57.0840, -10.3080



209.2100, 42.1860, -26.6620



203.7580, 2.1160, -38.3640

Triad

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



209.2100, 42.1860, -26.6620



168.1890, -147.0300, -44.6460



211.2200, 21.3130, 37.7690

Complementary

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



209.2100, 42.1860, -26.6620



140.7900, -42.1860, 26.6620

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.



214.6750, 3.4340, 25.8820



209.2100, 42.1860, -26.6620



178.4430, -115.0300, -29.8620

Square

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



209.2100, 42.1860, -26.6620



165.8290, -137.6290, -55.3330



203.1150, -45.6200, 0.7800



202.2260, 38.3710, 25.9790

Rectangle

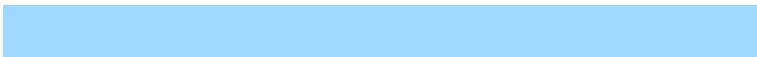
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.2100, 42.1860, -26.6620



198.1700, -31.3990, -42.2070



203.1150, -45.6200, 0.7800



214.4970, 18.9750, 36.0870

Sweetspot

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



209.2100, 42.1860, -26.6620



247.1460, 13.8480, -8.6800



153.8500, 63.0370, 30.5010



123.0300, 8.4830, -5.0610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



209.2100, 42.1860, -26.6620



223.4700, 55.7130, -35.0310



208.1150, 13.9920, -44.3440



114.5720, 4.0810, -2.3750



143.9300, 65.8010, -41.6470



42.5610, 19.8090, -12.0870

Inverse Universe

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



140.7900, -42.1860, 26.6620



133.5300, -55.7130, 35.0310



141.8850, -13.9920, 44.3440



107.8410, -3.8060, 2.8980



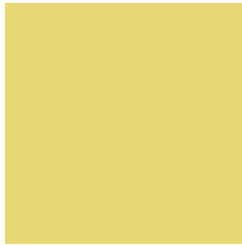
37.0700, -65.8010, 41.6470



10.8520, -19.5340, 12.6100

Previews

White Background



This preview shows how the YIQ color 209.2100, 42.1860, -26.6620 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 209.2100, 42.1860, -26.6620 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 209.2100, 42.1860, -26.6620

Background



This preview shows how black text looks on a background with the YIQ color 209.2100, 42.1860, -26.6620.



This preview shows how white text looks on a background with the YIQ color 209.2100, 42.1860,

-26.6620.

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

209.2100, 42.1860, -26.6620

Protanopia

209.2210, 43.6530, -25.7150

Deuteranopia

212.8990, 51.0320, -10.7600



Tritanopia

216.7840, 18.7040, 13.4560

Trichromacy



Original Color

209.2100, 42.1860, -26.6620

Protanomaly

208.9220, 43.0570, -25.9270

Deuteranomaly

211.3560, 48.0070, -16.5130

Tritanomaly

213.7180, 27.0970, -0.9910

Monochromacy



Original Color

209.2100, 42.1860, -26.6620

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1030, 15.4070, -9.4010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2100, 42.1860, -26.6620 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(233, 215, 117)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 117)  
}
```

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(233, 215, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 117) }
```

Border

The CSS property to change the border of an element to YIQ 209.2100, 42.1860, -26.6620 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(233, 215, 117) }
```


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

```
.border{ border-color:rgb(233, 215, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 117);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2100, 42.1860, -26.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 117) }
```

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

```
.background{ background-color: rgb(233,  
215, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor