

Converting Colors

YIQ(213.7040, 29.7120, -9.8400)

Have a look what the booklet for
YIQ(213.7040, 29.7120, -9.8400)
contains.

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Color

**YIQ(213.7040, 29.7120,
-9.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD4A4
RGB	236, 212, 164
RGB Percent	93%, 83%, 64%
CMY	0.0745, 0.1686, 0.3567
CMYK	0.00, 0.10, 0.30, 0.07
HSL	40°, 65%, 78%
HSV	40°, 30%, 93%
XYZ	64.8397, 67.5977, 44.7709
YIQ	213.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

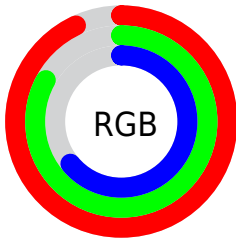
Format	Color
RYB	200, 236, 164
Decimal	15520932
CIELab	85.80, 1.34, 26.80
CIElCh	86, 26.837, 87.139
Yxy	67.5977, 0.3659, 0.3815
Android (android.graphics.Color)	4293711012 (0xFFECD4A4)
YUV	213.7040, -24.5041, 19.5536
Hunter-Lab	82.2178, -3.1101, 25.2667

Details

The YIQ color **213.7040, 29.7120, -9.8400** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186.2960, -29.7120, 9.8400**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8960, 11.5560, -11.1960**, and **159.0350, 27.2820, -9.8540** is the 20% darker color. If you saturate the color by 10%, you get **206.2720, 39.6160, -13.1200**, and if you desaturate by 10%, it is **221.1360, 19.8080, -6.5600**.

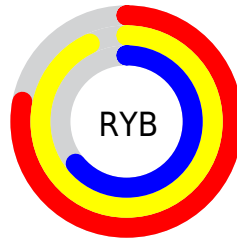
Distribution



Red (93%)

Green (83%)

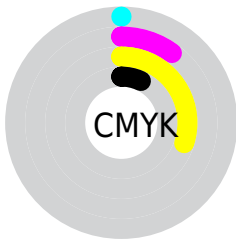
Blue (64%)



Red (78%)

Yellow (93%)

Blue (64%)

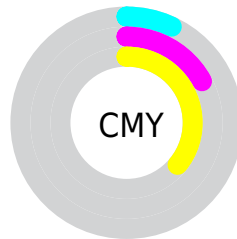


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7040, 29.7120, -9.8400 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 213.7040, 29.7120, -9.8400 by changing the saturation by 10% instead.

213.7040, 29.7120,
-9.8400

213.7040, 29.7120,
-9.8400

255.0000, -0.0000,
-0.0000

185.6330, 28.4740,
-9.4300

250.8960, 11.5560,
-11.1960

159.0350, 27.2820,
-9.8540

254.2020, 2.2470,
-2.1770

132.2630, 26.6400,
-9.2320

106.7790, 25.1270,
-9.3450

82.4090, 23.2930,
-9.1470

58.9250, 21.7800,
-9.2600

37.5550, 19.9460,

-9.0620

■ 18.0520, 11.4170,
-3.1670

■ 0.0000, 0.0000,
0.0000

■ 213.7040, 29.7120,
-9.8400

■ 213.7040, 29.7120,
-9.8400

■ 206.2720, 39.6160,
-13.1200

■ 221.1360, 19.8080,
-6.5600

■ 198.9540, 49.1990,
-16.0890

■ 228.4540, 10.2250,
-3.5910

■ 191.5220, 59.1030,
-19.3690

■ 235.8860, 0.3210,
-0.3110

■ 184.2040, 68.6860,
-22.3380

■ 242.2750, -8.0240,
2.2480

■ 177.3590, 78.3150,
-26.1410

■ 246.9710,
-10.2240, -1.9360

■ 169.9270, 88.2190,
-29.4210

■ 249.3190,
-11.3240, -4.0280

■ 162.7230, 97.4810,
-32.0790

Harmonies

Analogous

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



215.7150, 40.3470, 1.1710



213.7040, 29.7120, -9.8400



210.8970, 9.8150, -18.1930

Triad

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



213.7040, 29.7120, -9.8400



203.3120, -54.1450, -15.4330



218.8300, 13.0630, 22.0790

Complementary

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



213.7040, 29.7120, -9.8400



186.2960, -29.7120, 9.8400

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.



216.3370, -10.5940, 15.7900



213.7040, 29.7120, -9.8400



206.5930, -53.1380, -6.1460

Square

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



213.7040, 29.7120, -9.8400



204.8220, -38.3260, -21.2860



211.1550, -33.9290, 3.6630



216.7360, 27.8270, 18.8270

Rectangle

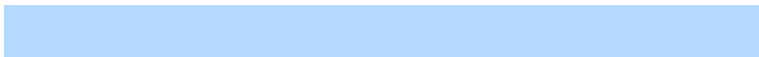
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.7040, 29.7120, -9.8400



208.4050, -6.4150, -21.4150



211.1550, -33.9290, 3.6630



218.1110, 4.9020, 21.3020

Sweetspot

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



213.7040, 29.7120, -9.8400



247.6820, 9.5830, -2.9690



188.3780, 34.8870, 23.0390



123.3550, 6.1900, -2.0500



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.



213.7040, 29.7120, -9.8400



226.0870, 38.6990, -13.0210



224.5030, 16.5560, -24.7240



113.3980, 4.6310, -1.3290



125.1460, 74.6010, -24.9110



37.2780, 22.2840, -7.3800

Inverse Universe

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



186.2960, -29.7120, 9.8400



189.9130, -38.6990, 13.0210



175.4970, -16.5560, 24.7240



109.0150, -4.3560, 1.8520



55.8540, -74.6010, 24.9110



16.7220, -22.2840, 7.3800

Previews

White Background



This preview shows how the YIQ color 213.7040, 29.7120, -9.8400 looks on a white background.

Color Contrast Check

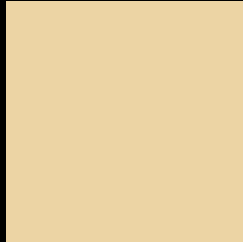
Large Text (above 18pt) WCAG AA × Fail

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 213.7040, 29.7120, -9.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

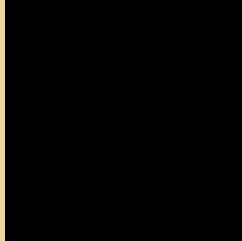
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.7040, 29.7120, -9.8400

Background



This preview shows how black text looks on a background with the YIQ color 213.7040, 29.7120, -9.8400.



This preview shows how white text looks on a background with the YIQ color 213.7040, 29.7120,

-9.8400.

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

213.7040, 29.7120, -9.8400

Protanopia

212.8990, 24.6690, -12.0590

Deuteranopia

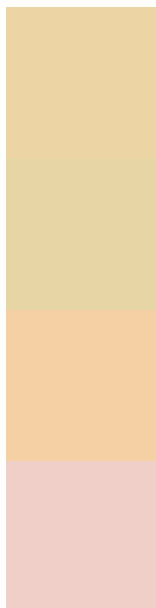
215.0800, 40.5770, -2.9990



Tritanopia

217.4850, 18.1080, 13.2440

Trichromacy



Original Color

213.7040, 29.7120, -9.8400

Protanomaly

213.2090, 26.7320, -10.9000

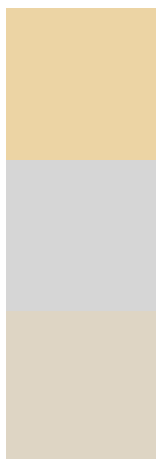
Deuteranomaly

214.4600, 36.4510, -5.3170

Tritanomaly

216.0690, 21.9150, 4.8190

Monochromacy



Original Color

213.7040, 29.7120, -9.8400

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7530, 10.8210, -3.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7040, 29.7120, -9.8400 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(236, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 164)  
}
```

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(236, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 164) }
```

Border

The CSS property to change the border of an element to YIQ 213.7040, 29.7120, -9.8400 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(236, 212, 164) }
```


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

```
.border{ border-color:rgb(236, 212, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 212, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 212, 164); box-shadow:4px 4px 4px 4px rgb(236, 212, 164) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7040, 29.7120, -9.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 164) }
```

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

```
.background{ background-color: rgb(236,  
212, 164) }
```

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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