

Converting Colors

YIQ(213.4420, 27.6940, -6.3060)

Have a look what the booklet for
YIQ(213.4420, 27.6940, -6.3060)
contains.

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Color

**YIQ(213.4420, 27.6940,
-6.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD2AC
RGB	236, 210, 172
RGB Percent	93%, 82%, 67%
CMY	0.0745, 0.1765, 0.3253
CMYK	0.00, 0.11, 0.27, 0.07
HSL	36°, 63%, 80%
HSV	36°, 27%, 93%
XYZ	65.0890, 66.9022, 48.5305
YIQ	213.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

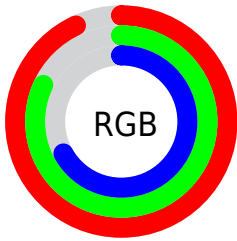
Format	Color
RYB	216, 236, 172
Decimal	15520428
CIELab	85.45, 3.41, 22.15
CIELCh	85, 22.409, 81.240
Yxy	66.9022, 0.3606, 0.3706
Android (android.graphics.Color)	4293710508 (0xFFECD2AC)
YUV	213.4420, -20.4309, 19.7834
Hunter-Lab	81.7938, -1.0942, 22.0773

Details

The YIQ color **213.4420, 27.6940, -6.3060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194.5580, -27.6940, 6.3060**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.9220, 8.6670, -8.3970**, and **158.7730, 25.2640, -6.3200** is the 20% darker color. If you saturate the color by 10%, you get **204.8360, 38.1480, -8.5400**, and if you desaturate by 10%, it is **222.0480, 17.2400, -4.0720**.

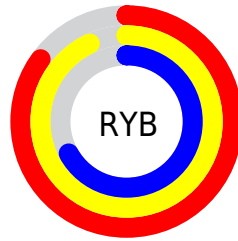
Distribution



Red (93%)

Green (82%)

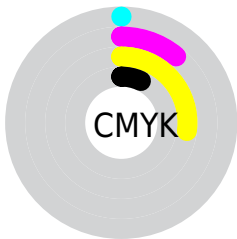
Blue (67%)



Red (85%)

Yellow (93%)

Blue (67%)

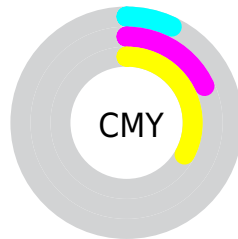


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.4420, 27.6940, -6.3060 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 213.4420, 27.6940, -6.3060 by changing the saturation by 10% instead.


 213.4420, 27.6940,
-6.3060


 213.4420, 27.6940,
-6.3060


255.0000, -0.0000,
-0.0000


 185.2570, 26.7770,
-6.2070


 251.9220, 8.6670,
-8.3970

 158.7730, 25.2640,
-6.3200

 132.5880, 24.3470,
-6.2210

 107.4030, 23.4300,
-6.1220

 82.3320, 22.1920,
-5.7120

 59.4350, 20.4040,
-6.3480

 36.7940, 20.7710,

-7.4930

■ 17.4760, 13.1590,
-1.6970

■ 0.0000, 0.0000,
0.0000

■ 213.4420, 27.6940,
-6.3060

■ 213.4420, 27.6940,
-6.3060

■ 204.8360, 38.1480,
-8.5400

■ 222.0480, 17.2400,
-4.0720

■ 196.9310, 48.0060,
-10.9860

■ 229.9530, 7.3820,
-1.6260

■ 188.3250, 58.4600,
-13.2200

■ 238.5590, -3.0720,
0.6080

■ 180.4200, 68.3180,
-15.6660

■ 245.2100, -9.3990,
-0.3670

■ 171.8140, 78.7720,
-17.9000

■ 249.3190,
-11.3240, -4.0280

■ 163.2080, 89.2260,
-20.1340

■ 155.3030, 99.0840,
-22.5800

■ 152.7440,
102.1560, -23.1880

Harmonies

Analogous

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



215.1430, 36.2660, 3.5460



213.4420, 27.6940, -6.3060



211.2010, 12.0150, -14.0090

Triad

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



213.4420, 27.6940, -6.3060



205.2980, -42.3620, -14.2180



216.7860, 7.1950, 18.2910

Complementary

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



213.4420, 27.6940, -6.3060



194.5580, -27.6940, 6.3060

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.



214.6030, -14.3990, 13.1610



213.4420, 27.6940, -6.3060



207.0840, -44.3350, -5.9910

Square

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



213.4420, 27.6940, -6.3060



205.7910, -27.8730, -17.9930



210.8670, -33.0580, 4.3980



217.3550, 24.5260, 18.0780

Rectangle

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



213.4420, 27.6940, -6.3060



209.5630, -0.8680, -17.3160



210.8670, -33.0580, 4.3980



216.7250, -0.0030, 16.5810

Sweetspot

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



213.4420, 27.6940, -6.3060



248.0240, 8.6200, -2.0360



194.2140, 29.4770, 21.9650



122.9960, 5.8230, -0.9050



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.



213.4420, 27.6940, -6.3060



225.4660, 36.3140, -8.3420



227.2090, 17.5640, -20.9640



113.3980, 4.6310, -1.3290



116.9280, 78.4510, -17.5890



34.9300, 23.3840, -5.2880

Inverse Universe

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



194.5580, -27.6940, 6.3060



200.5340, -36.3140, 8.3420



180.7910, -17.5640, 20.9640



109.6020, -4.6310, 1.3290



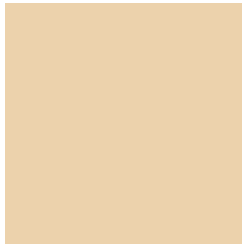
64.0720, -78.4510, 17.5890



19.0700, -23.3840, 5.2880

Previews

White Background



This preview shows how the YIQ color 213.4420, 27.6940, -6.3060 looks on a white background.

Color Contrast Check

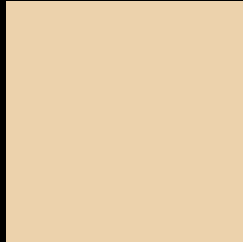
Large Text (above 18pt) WCAG AA × Fail

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 213.4420, 27.6940, -6.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

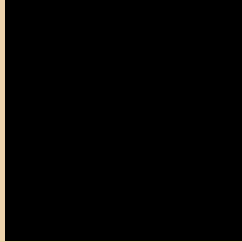
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.4420, 27.6940, -6.3060

Background



This preview shows how black text looks on a background with the YIQ color 213.4420, 27.6940, -6.3060.



This preview shows how white text looks on a background with the YIQ color 213.4420, 27.6940,

-6.3060.

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

213.4420, 27.6940, -6.3060

Protanopia

212.4410, 20.2670, -9.3730

Deuteranopia

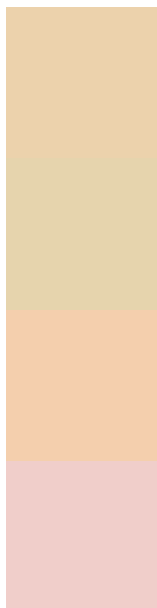
214.2090, 35.9000, -0.8360



Tritanopia

216.4850, 18.1080, 13.2440

Trichromacy



Original Color

213.4420, 27.6940, -6.3060

Protanomaly

212.9360, 23.2470, -8.3130

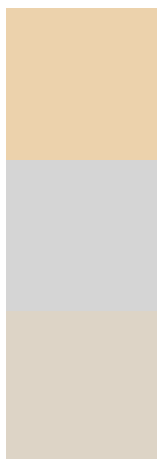
Deuteranomaly

214.1870, 32.9660, -2.7300

Tritanomaly

215.7100, 21.5480, 5.9640

Monochromacy



Original Color

213.4420, 27.6940, -6.3060

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0950, 9.8580, -2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4420, 27.6940, -6.3060 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, 210, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 172)  
}
```

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, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 172) }
```

Border

The CSS property to change the border of an element to YIQ 213.4420, 27.6940, -6.3060 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, 210, 172) }
```


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

```
.border{ border-color:rgb(236, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 210,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4420, 27.6940, -6.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 172) }
```

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

```
.background{ background-color: rgb(236,  
210, 172) }
```

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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