

Converting Colors

YIQ(217.3270, 20.5880, -9.6840)

Have a look what the booklet for
YIQ(217.3270, 20.5880, -9.6840)
contains.

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Color

**YIQ(217.3270, 20.5880,
-9.6840)**

Conversions

Conversions Part 1	
Format	Color
Hex	E7DAB2
RGB	231, 218, 178
RGB Percent	91%, 85%, 70%
CMY	0.0941, 0.1451, 0.3018
CMYK	0.00, 0.06, 0.23, 0.09
HSL	45°, 52%, 80%
HSV	45°, 23%, 91%
XYZ	66.0642, 70.3446, 52.2305
YIQ	217.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

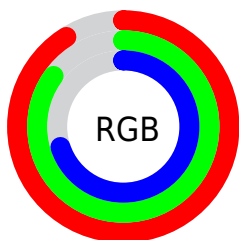
Format	Color
RYB	195, 231, 178
Decimal	15194802
CIELab	87.17, -1.77, 21.31
CIELCh	87, 21.384, 94.754
Yxy	70.3446, 0.3502, 0.3729
Android (android.graphics.Color)	4293384882 (0xFFE7DAB2)
YUV	217.3270, -19.3882, 11.9912
Hunter-Lab	83.8717, -6.1742, 21.7877

Details

The YIQ color $217.3270, 20.5880, -9.6840$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $191.6730, -20.5880, 9.6840$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, 6.7410, -6.5310$, and $162.2560, 19.3500, -9.2740$ is the 20% darker color. If you saturate the color by 10%, you get $211.1830, 29.6210, -13.6990$, and if you desaturate by 10%, it is $223.4710, 11.5550, -5.6690$.

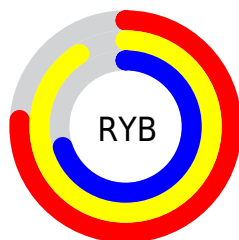
Distribution



Red (91%)

Green (85%)

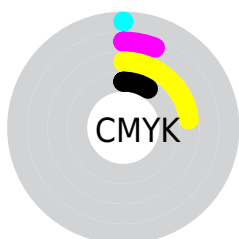
Blue (70%)



Red (76%)

Yellow (91%)

Blue (70%)

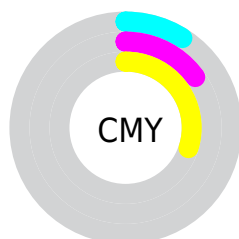


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (15%)


Yellow (30%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 217.3270, 20.5880, -9.6840 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 217.3270, 20.5880, -9.6840 by changing the saturation by 10% instead.


 217.3270, 20.5880,
-9.6840


 217.3270, 20.5880,
-9.6840

255.0000, -0.0000,
-0.0000


 189.4410, 20.2670,
-9.3730


 252.6060, 6.7410,
-6.5310

 162.2560, 19.3500,
-9.2740

 136.0710, 18.4330,
-9.1750

 110.8860, 17.5160,
-9.0760

 85.8150, 16.2780,
-8.6660

 62.6300, 15.3610,
-8.5670

 40.2170, 15.0860,

-9.0900

■ 20.9870, 10.0420,
-5.7820

■ 0.0000, 0.0000,
0.0000

■ 217.3270, 20.5880,
-9.6840

■ 217.3270, 20.5880,
-9.6840

■ 211.1830, 29.6210,
-13.6990

■ 223.4710, 11.5550,
-5.6690

■ 205.6260, 38.3790,
-18.2370

■ 229.0280, 2.7970,
-1.1310

■ 199.4820, 47.4120,
-22.2520

■ 235.1720, -6.2360,
2.8840

■ 193.3380, 56.4450,
-26.2670

■ 239.6060,
-10.4540, 2.2340

187.7810, 65.2030,
-30.8050

242.5410,
-11.8290, -0.3810

181.5230, 74.5570,
-35.1310

246.0630,
-13.4790, -3.5190

175.3790, 83.5900,
-39.1460

247.8240,
-14.3040, -5.0880

171.2070, 89.8260,
-42.0300

Harmonies

Analogous

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



219.0560, 31.9570, -0.9630



217.3270, 20.5880, -9.6840



214.7700, 2.9830, -15.5210

Triad

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



217.3270, 20.5880, -9.6840



210.9330, -42.5920, -10.0480



221.9780, 15.4020, 18.2340

Complementary

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



217.3270, 20.5880, -9.6840



191.6730, -20.5880, 9.6840

Split Complementary

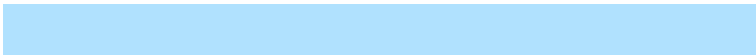
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.7460, -4.4960, 15.4080



217.3270, 20.5880, -9.6840



213.6550, -38.5130, -1.3690

Square

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



217.3270, 20.5880, -9.6840



210.7350, -33.4670, -15.7310



217.4230, -22.8800, 7.1680



220.6170, 26.5440, 14.5440

Rectangle

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



217.3270, 20.5880, -9.6840



213.0720, -9.6710, -17.4710



217.4230, -22.8800, 7.1680



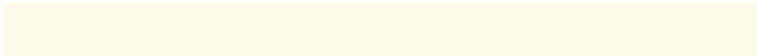
221.7430, 8.7540, 17.5700

Sweetspot

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



217.3270, 20.5880, -9.6840



250.6000, 6.8780, -3.5060



195.3290, 27.4150, 15.2790



124.9850, 4.3560, -1.8520



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.



217.3270, 20.5880, -9.6840



236.3400, 27.7410, -12.6670



221.0710, 9.2650, -19.2390



111.8710, 4.6770, -2.1630



132.7660, 69.5590, -32.6570



37.5550, 19.9460, -9.0620

Inverse Universe

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



191.6730, -20.5880, 9.6840



202.0730, -27.4660, 13.1900



187.9290, -9.2650, 19.2390



106.1290, -4.6770, 2.1630



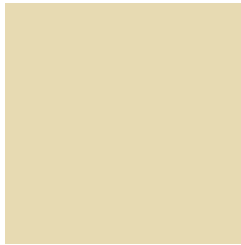
46.2340, -69.5590, 32.6570



13.4450, -19.9460, 9.0620

Previews

White Background



This preview shows how the YIQ color 217.3270, 20.5880, -9.6840 looks on a white background.

Color Contrast Check

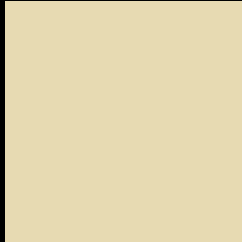
Large Text (above 18pt) WCAG AA × Fail

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 217.3270, 20.5880, -9.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

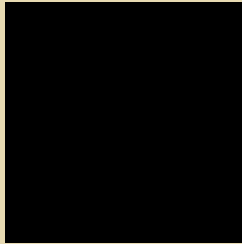
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.3270, 20.5880, -9.6840

Background



This preview shows how black text looks on a background with the YIQ color 217.3270, 20.5880, -9.6840.



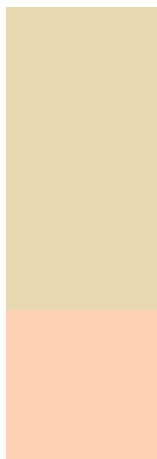
This preview shows how white text looks on a background with the YIQ color 217.3270, 20.5880,

-9.6840.

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

217.3270, 20.5880, -9.6840

Protanopia

217.3270, 20.5880, -9.6840

Deuteranopia

219.4370, 35.2580, -0.2140



Tritanopia

220.7120, 10.0390, 10.7990

Trichromacy

	Original Color 217.3270, 20.5880, -9.6840
	Protanomaly 217.3270, 20.5880, -9.6840
	Deuteranomaly 218.6920, 29.9860, -3.7900
	Tritanomaly 219.8230, 13.8000, 3.2080

Monochromacy

	Original Color 217.3270, 20.5880, -9.6840
	Achromatopsia 217.0000, -0.0000, 0.0000
	Achromatomaly 216.8990, 7.4740, -3.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3270, 20.5880, -9.6840 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(231, 218, 178)` looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 178)  
}
```

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(231, 218, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 178) }
```

Border

The CSS property to change the border of an element to YIQ 217.3270, 20.5880, -9.6840 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(231, 218, 178) }
```


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

```
.border{ border-color:rgb(231, 218, 178) }
```

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

Here you see how a box with a 4 pixel rgb(231, 218, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 218, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 218, 178);  
box-shadow:4px 4px 4px 4px rgb(231, 218,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 217.3270, 20.5880, -9.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 178) }
```

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

```
.background{ background-color: rgb(231,  
218, 178) }
```

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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